

The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road, Near Balaji Mandir, Dombivli (East), 421203.

## Additional Assignments <br> BCOM

2016-17

# The SIA College of Higher Education 

P-88, MIDC Residential Area, Dombivli Gymkhana road,
Near Balaji Mandir, Dombivli (East), 421203.
Managed by The South Indian Association, Dombivli

## Additional Assignment 2016-17

| Sr No | Roll Number | Student Name | Assignment 1 | Assignment 2 |
| :---: | :---: | :---: | :---: | :---: |
| 1 | CF16006 | BANNETTI SHRUTI RAJSHEKHAR | Subnited | Subwitted |
| 2 | CF16009 | BHATT DIVESHDATT GOPALDATT | Submitted | Sublithed |
| 3 | CF16020 | DSOUZA ROYSTON IVAN | - | - |
| 4 | CF16021 | DUBEY ASHISH RAKESH KUMAR | Suburitted | - |
| 5 | CF16024 | GAONKAR VIPULA VIJAY | - | Suburited |
| 6 | CF16028 | GOUNDER POOJA HARIGOVIND | Subwilted | Submitted |
| 7 | CF16035 | IYER MAHALAKSHMI SAKTHIVAKEESWARAN | - | - |
| 8 | CF16038 | VIGNESHWAR RAMESH IYER | Subwitted | - |
| 9 | CF16045 | KADAM JAIDEEP DILIP | Submitted | Subwitted |
| 10 | CF16060 | MARATHE MAYURESH DEEPAK | - | $\bigcirc$ |
| 11 | CF16067 | MUDALIAR AYSHWARIYA BALASUBRAMANIAN | Submitled | Submitted |
| 12 | CF16081 | PINTO DERRICK AGNELO | - | - |
| 13 | CF16084 | POOJARY SAMPATH SANJEEVA | Submitted | Subritted |
| 14 | CF16088 | RAO PRATEEK FALACHANDRA | - | - |
| 15 | CF16090 | SALI RUPESH SUNIL | submitted | Submitted |
| 16 | CF16103 | SHETTY KARTHIK SURESH |  | Submithed |
| 17 | CF16114 | SINHA JYOTI DILIP | Subritted | - |
| 18 | CF16118 | SUVARNA VISHAL SUNIL | - | r |
| . 19 | CF16130 | YADAV SHILPA RAMMURAT | Submitted | submitted |
| 20 | CF16202 | BAFNA PRERNA ASHOKKUMAR | - | - |
| 21 | CF16222 | GHAYAL SAYALI RAJU | fubmited | - |
| 22 | CF16254 | KHANDELWAL NIKITA SANJEEV | Subnited | 8 ubmitted |
| 23 | CF16284 | PINKY RAMSUBHASH RAJBHAR | - | domitled |
| 24 | CF16313 | VISHWAKARMA POOJADEVI BUDDHIPRASAD | Sustmilted | $r$ |



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## Additional Assignments

## BCOM

2017-18

## The South Indian Association's

 The S.I. A. College of Higher Education Affliated to University of Mumbai Accrediated B+ by NAAC Department of Commerce LIST OF ADVANCED LEARNERS 2017-2018 Programme:BCOM



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## Additional Assignments

## BCOM

2018-19

The South Indian Association's
The S.I. A. College of Higher Education
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Accredited B+ by NAAC

Department of Commerce FYBCOM(2018-19)
Additional Assignments
AFM-I AFT
Signature Signature


| 36 | CF18072 | SHETIY SAMIKSHA BHASKAR | Subalial | Subatited |
| :---: | :---: | :---: | :---: | :---: |
| 37 | CF18073 | SHETTY MEGHA VISHWANATH | Suspailet | Subrbsed |
| 38. | CF18074 | SHRIKE SHRUTIKA UMESH | Bubaill | Sulad |
| 39. | CF18075 | UPADHYAY RUBY OMPRAKASH | Subrit | 3 unuebled |
| 40 | CF18076 | Vikas Mishra Nagesh |  |  |
| 41 | CF18078 | WABLE SARIKA BALIRAM | Subridal |  |
| 42. | CF18081 | THAKKAR PRATIKSHA DHARMESH | Subrial. |  |
| 43 | CF18228 | JADHAV SAMIKSHA SANJAY |  |  |
| 44 | CF18250 | PANDEY SHWETA SUBHASHCHANDRA | Subarit | Subaritioed |
| 45 | CF18256 | PAWAR PRATHAMESH PRAMOD | Subrital | Subenite ad |
| 46 | CF18259 | PAWAR PRAVIN RAGHUNATH | Subrait |  |
| 47 | CF18266 | RANDIVE HARSH VIJAY |  |  |
| 48 | CF18272 | SAYYED SHAHEEN ABDUL REHMAN | Subroild | Subrithed |
| 49 | CF18276 | SHETTY DISHA SUDHAKAR |  |  |
| 50. | CF18480 | UPADHYAY ROMI SHASHIKANT | Subraille | Guburd tied |



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## Additional Assignments <br> BCOM

2019-20

The S.I.A College of Higher Education, Dombivli (E) Internal Continuous Evaluation 2019-20

Class: FYBCom A
Subject: ECO.


CF19278 Harshada Ambure

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Subject reachor





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Subject teacher

The S.I.A s whene of Higher Education, Dombivli (East)
Comausous faterata: Evaluation 2019-20
i hass: fivBCOM C

Subject: $E C O$



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## The S.I.A College of Higher Education

Continous Internal Evaluation 2019-20

| Class : FYBCOM (A) |  |  |  |
| :---: | :---: | :---: | :---: |
| Sr.No Subject: |  |  |  |
| $\frac{\text { Sr. }}{}$ | CF19001 | Student Name | Assignment |
|  | CF19001 | 1 ANCHAN NIKI, A SHANKAR | Submite |
| 2 | CF19002 | 2 BELWADKAR SHREYASH SHASHIKANT |  |
| 3 | CF19003 | 3 BHOSALE SAKSHI SANDEEP |  |
| 4 | CF19004 | 4 BORKAR SAMRUDDHI YOGESH | Submitted |
| 5 | CF19005 | 5 CALDEIRA ANIKA XAVIER | Submitted |
| 6 | CF19006 | DAGADE DIVYA DILIP | - |
| 7 | CF 19007 | 7 GUPTA SAPNA AMRITLAL |  |
| 8 | CF19008 | 3 HEGDE SHREERAKSHA JAY; NANDA |  |
| 9 | CF19009 | IYER MADHURA BALASUBRAMANIAN | N迷huwpo |
| 10 | CF19010 | IYER JAYALAKSHMI SURIYANARAYANAN |  |
| 11 | CF19011 | 1 IYER VIGNESH SANKARANARAYANAN | (Axol |
| 12 | CF19013 | JHAJHARIYA POONAM MANGERAM | - |
| 13 | CF19014 | JOSHI SHARVARI CH.ANDRAKANT | - |
| 14 | CF19015 | KAKODKAR ANUSHKA AMIT | Submitted |
| 15 | CF19016 | KANOJIYA MANSI SANJAY | - |
| 16 | CF19017 | KATAKE SHRADDHA DATTATRAY | - |
| 17 | CF19018 | KHILARI ALISH \& SURESH | Asthichor |
| 18 | CF19019 | KUTE POOJA P ALASAHEB | , |
| 19 | CF19020 | LAWRENCE RL'BAN | Qua |
| 20 | CF19021 | MAHANGARE S JPRIYA SHIVAJI | - |
| 21 | CF19022 | MALAGE LAXMI KASHINATH | Submited |
| 22 | CF19023 | MISAL OMKAR RAJENDRA | - |
| 23 | CF19024 | MISHRA RANNU SURESH | Subimitted |
| 24 | CF19025 | MISHRA ANUSHKA RAKESH |  |
| 25 | CF19026 | MOOLYA SANJAY YADAVA | $\leftrightarrow \infty$ |
| 26 | CF19027 | MULIK AISHWARYA YUVRAJ | - |
| 27 | CF19028 | NADAR SAKTHESWARAN MAHESH | Submitted |
| 28 | CF19029 | NARVEKAR YASH DEEPAK | - |
| 29 | CF19030 | PAL ANKITA BALCHAND | Ankita. |
| 30 | CF19031 | PARAB DHANASHREE HANUMANT | Frerch |
| 31 | CF19032 | PAREKH DHWANI PRADIP | - |
| 32 | CF19033 | PATIL SWAPNALI PRABHAKAR | S.patil |
| 33 | CF19034 | PATIL SALONI PRABHAKAR | ruath |
| 34 | CF19035 | PEDNEKAR ANISHA SAHDEO | - |
| 35 | CF19036 P | PETEKAR DARSHITA LAXMAN | Qubmitted |
| 36 | CF19037 | RAJBHAR REKHA SURESHKUMAR | Submitted |
| 37 | CF19038 R | RAKSHITHA POOJARY | - |
| 38 | CF19039 R | RAMPRASAD NIVEDAN | Submitted |
| 39. | CF19040 R | RAUT SAHIL SUNIL | - |
| 40 | CF19041 S | SAWANT TANAYA CHANDRAVILAS | Submitted |
| 41 | CF19042 S | SHARMA DEVANSHI RAJENDRA |  |
| 42 | CF19043 S | SHINDE OM JAGDISH | - |
| 43 | CF19044 S | SHINDE MUGDHA SUNIL | - |
| 44 | CF19045 S | SHINDE VIGHNESH SUNIL | Submitted |
| 45 | CF19046 S | SINGH ANJALI VISHWAJEE | Submilted |
| 46 | CF19047 S | SOLANKI DARSHANA MIAHESH |  |
| 47 | CF19048 T | TELGADE KASTURI SANTOSH | Tasturi |
| 48 | CF 19049 T | TENDULKAR SANIKA SANJAY | - |
| 49 | CF19050 TH | HAKUR KUMAR! DHARIMLAXMI HARIRAM | DHARMLAXMI |
| 50 | CF19051 TI | HAMKE JAGRUTI JANARDAN | - |
| 51 | CF 19052 II | INARI FITU RAMESH |  |
| 52 | CF 19053 TI | TVARI RUCHI KRISHNAPRAKASH | Rucht |
| $\frac{53}{53}$ | CF19054 T: | INARI ADITI BHASKAR | Ruchk |

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The S.I.A College of Higher Education, Dombivli (E) Internal Continuous Evaluation 2019-20

Class: FYBCom A
Subject: Maths



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Bubyent teacher Becebala Nais



Subject teacher



## The S.I.A College of Higher Education

 Continous Internal Évaluation 2019-20| Class : FYBCOM (C) |  |  |  |
| :---: | :---: | :---: | :---: |
| Subject: Maths Assian |  |  |  |
| Sr. No. | Roll No | Student Name | ssigim |
| 1 | CF19012 | SAP: IA SHOBHNATH JAISWAR | OK |
| 2 | CF19229 | SIMIR, N VIJAY KIRTI |  |
| 3 | CF19401 | MAHESHWARI KRISHNAN |  |
| 4 | CF19402 | ADITYA SURESH ADURE |  |
| 5 | CF19403 | NIKHIL KASHINATH ANGANE | cang |
| 6 | CF19404 | AAKANKSHA YUVRAJ BANSODE |  |
| 7 | CF19405 | ROOPCHAND VIJAYKUMAR BIND |  |
| 8 | CF19406 | RITIKA OMPRAKASH CHAURASIYA |  |
| 9 | CF19407 | AMAN HARIKESH DUBEY |  |
| 10 | CF19408 | ANKITA SHASHIKANT GAIKWAD | Ankie |
| 11 | CF19409 | RANJEETKUMAR RAMKRIPAL GOD |  |
| 12 | CF19410 | MAHIMA MANGESH GOLE |  |
| 13 | CF19411 | RUPALI DEVENDRA GOND |  |
| 14 | CF19412 | MOHIT VIJAY GUPTA |  |
| 15 | CF19413 | SANJA VA BANDESH GUPTA | Derm Scin |
| 16 | CF19414 | VAISHMAVI DATTARAM GURAO |  |
| 17 | CF19415 | SHREEVIDYA VENKAT RAMAN IYER |  |
| 18 | CF19416 | POOJA NEELKANTH JADHAV |  |
| 19 | CF19417 | ARJUN RAMU JADHAV |  |
| 20 | CF19418 | YASHK 'MAR RAMESH JAIN |  |
| 21 | CF19419 | AKSHAY RAMDEV JAISWAL |  |
| 22 | CF19421 | ANKITA VIJAYPRAKASH JAISWA! | ducts |
| 23 | CF19422 | SAI KUMAR RAO SIMANCHAL RAO KADI |  |
| 24 | CF19423 | PRASAD SUNIL KALVIKATTE | nitted |
| 25 | CF19424 | KUSUM MOHANRAM KANAUJIYA |  |
| 26 | CF19426 | GANES 4 MARUTI KANK | nomitted |
| 27 | CF19427 | PUSHPAL SHAMRAO KHANDKAR |  |
| 28 | CF19428 | MAINA ASHOK KOKKU |  |
| 29 | CF19429 | BHAGYESH DINESH MAHALE | B.D manale |
| 30 | CF19430 | VAIBHAV KEDAR MALAGE | milted |
| 31 | CF19431 | PAWAN JAGESHWAR MALHAR |  |
| 32 | CF19432 | AAKANSHA ARVIND MISHRA | mitted |
| 33 | CF19433 | DUIRGESH KAILASH MOHABE | - |
| 34 | CF19434 | KESHAVKUM.AAR MURUGESH | Submited |
| 35 | CF19435 | ANIRUDDH MACHINDRA NETKAR | submilted |
| 36 | CF19436 | ANKIT VIJAY PANDEY |  |
| 37 | CF19437 | CHINMAY DNY ANESHWAR PATIL |  |
| 38 | CF19439 | OMKAR ATMARAM PAWAR | Qubmitted |
| 39 | CF19440 | SIDDHESH SHRIKRISHNA PAWAR | Submitte |
| 40 | CF19441 | BHUMIKA RAJESH POOJARI |  |
| 41 | CF19442 | SUKSHITA SANJEEVA POOJARI | Submitted |
| 42 | CF19443 | SAKSHI PRAMOD POTDAR | submitted |
| 43 | CF19444 | PRASHANT SHANKAR PRAJAPATI |  |
| 44 | CF19445 | MAMTA NARAYAN RAJBHAR | mamot. |
| 45 | CF19446 | MANSI PRAMOD I NDIVE | M Randiv. |
| 46 | CF19447 | YASH YUVRAJ SALVI |  |
| 47 | CF19448 | SANJANA RAJENDRA SARVANKAR | kanjana |
| 48 | CF19449 | MANOJ KISHOR SATARDEKAR |  |
| 49 | CF19450 | UMANG UDAYKANT SAVLA | Umana |
| 50 | CF19451 | SHUBHAM GAJANAN SAWANT |  |
| 51 | CF19452 | PRITAM SATISH SAWANT |  |
| 52 | CF19453 | YASH RUPESH SHANSHAG |  |
| 53 | CF19454 | SIDDHANT ARVIND SHARMA | - |

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## BCOM

Additional Assignments

## Class: FYBCOM

## Accountancy and Financial Management - I

## Assignment

## Departmental Accounts

## Sum no 1.

Given below the information of two departments Bat and Ball prepare department Trading and Profit \& Loss a/c for the year ended 31st December 2019.

| Partiulars | Bat | Ball |
| :--- | ---: | ---: |
| Opening Stock | 13,400 | 11,200 |
| Purchases | 73,600 | 71,400 |
| Sales | $1,10,000$ | 88,000 |
| Salaries | 8,000 | 7,000 |

The details of other expenses:

| Partiulars | Amount |
| :--- | ---: |
| Carriage outward | 2,900 |
| Discount received | 1,450 |
| Depreciation | 7,500 |
| Rent and rates | 5,400 |
| Advertisements | 8,100 |
| Building insurance | 1,800 |
| General expenses | 4,500 |
| Discount allowed | 2,700 |

## Other information:

Closing stock of Bat Dept. Rs. 20,500 and Ball dept. Rs, 17,600
Area occupied is in the ratio of 5:4
Depreciation and General expenses are to be allocated equally
Carriage outward, Discount allowed and Advertisements are to allocated in the ratio of sales
Discount received is in the ratio of purchases.

## Sum no 3

Mac green and Co. has two departments A and B. All goods purchased by B depatment from A department transferred at normal market prices. From the following information prepare Trading, Profit and loss account of
the
two departments for the year ended 31st December 2017 and the balance sheet as on 31st December 2017.

| Particulars | A | B | Total |
| :--- | :--- | :--- | :--- |


| Opening stock | 10,000 |  | 10,000 |
| :--- | ---: | ---: | ---: |
|  |  |  | $1,15,00$ |
| Purchases | $1,10,000$ | 5,000 | 0 |
| Goods from dept A |  | 30,000 | 30,000 |
| Wages | 300 | 3,200 | 3,500 |
| Salaries | 2,400 | 600 | 3,000 |
| Closing stock at cost | 18,000 | 6,000 | 24,000 |
|  |  |  | $1,89,00$ |
| Sales | $1,21,000$ | 68,000 | 0 |
| Printing and stationery | 500 | 300 | 800 |
| Advertisement |  |  | 5,000 |
| General expenses |  |  | 9,000 |
| Capital |  |  | 60,000 |
| Debtors |  |  | 27,000 |
| Creditors |  |  | 4,000 |
| Machinery |  |  | 6,000 |
| Drawings | 6000 |  |  |
| Cash in hand |  |  | 23,000 |

1. Depreciate machinery by $10 \%$.
2.The entire stock of the department B represents those issued from the department A.
2. The general expenses are to be apportioned in the ratio of $3: 2$ between $A$ and $B$.
3. The closing stock of $A$ and $B$ are 18,000 and 6,000 respectively but the stock of dept B was entirely the goods
transferred from department A.

## Sum no 4

$\mathrm{M} / \mathrm{s}$ Saket and Lokesh the general provision merchants have prepared the following trial
balance as on 31st March 2017. They have three departments
$A, B$ and $C$

| Particulars | Amount <br> (DR) | Amount <br> (CR) |
| :--- | ---: | :--- |
| Stock on 1st April 2016 |  |  |
| A | 56,000 |  |
| B | 40,000 |  |
| C | 42,000 |  |
| Purchases |  |  |
| A | $2,00,000$ |  |
| B | $1,28,000$ |  |
| C | $2,40,000$ |  |
| Sales |  |  |
| A |  | $3,50,000$ |


| B |  | $1,60,000$ |
| :--- | ---: | ---: |
| C |  | $3,61,600$ |
| Wages of department A | 94,000 |  |
| Packing charges | 4,000 |  |
| Rates and taxes | 6,000 |  |
| electricity and insurance | 11,000 |  |
| advertisement | 20,000 |  |
| bad debts | 9,000 |  |
| sundry expenses | 12,000 |  |
| Salaries |  | $4,00,000$ |
| interest on loan. | $2,40,000$ | $1,60,000$ |
| Loan | 20,000 |  |
| Creditors | $3,48,000$ |  |
| Debtors | 20,100 |  |
| Furniture |  |  |
| Free hold property |  | $1,10,000$ |
| cAsh |  | $1,10,000$ |
| Captial balance | 25,000 |  |
| Saket | 25,000 |  |
| Lokesh | $16,51,600$ | $16,51,600$ |
| Drawings : |  |  |
| Saket |  |  |
| Lokesh |  |  |
| Total |  |  |
| Adjustments: <br> 1.Prepaid expenses insurance Rs. 1,600 and rAtes and taxes Rs. <br> 1,500 <br> 2.Outstanding expenses electricity Rs. 3,600 <br> 3.5\% Reserve for doubtful debts to be made <br> 4.2.5\% reserve for discount to be provided on creditors <br> 5.interest on capital tobe allowed at 5\% per annum <br> 6.depreciate furniture by 10\% per annum <br> 7.Closing stock were valued at Department A : 60,000 B:50,000 <br> and C :40,000 <br> 8.apportionment of all items in A, B and C has to be done in the <br> ratio of 40\%, 20\% and 40\% respectively <br> Prepare departmental trading, profit and loss accpount for the <br> year ended 31st March 2017 and balance sheet of the firm |  |  |

## Sum no 5

From the following figures of Amar Ltd for the year ended 31st March 2016.

| Particulars | dept A | Dept B | Dept C |
| :--- | ---: | ---: | ---: |
| Stock as on 1/4/2015 | 45,000 | 35,000 | 40,000 |
| Purchases | $4,40,000$ | $5,20,000$ | $1,10,000$ |


| Return outwards. | 40,000 | 20,000 | 10,000 |
| :--- | ---: | ---: | ---: |
| Sales | $6,10,000$ | $9,25,000$ | $3,20,000$ |
| Return inward | 10,000 | 25,000 | 20,000 |
| Wages | 8,000 | 5,000 | 7,000 |
| Stock as on 31-03-2016 | 65,000 | 20,000 | 10,000 |

Additional information :

1. goods transferred from A to B Rs. 10000 and to $C$ is Rs.

8,000
2. Goods transferred from B to A Rs. 6,500 and C is Rs.

5,600
3. Goods transferred form C to A. Rs. 5,000 and to B is Rs.

6,000
4. Telephone charges Rs. 15,800 to be apportioned in the ratio of 3:1:1 among departments $A, B$ and $C$ respectively
5. Rent Rs. 24,000 to be distributed as 1:2:1 among
departments $A, B$ and $C$ respectively
6. Insurance of goods Rs. 8,600 to be apportioned in the ratio of closing stock
7. Discoutn allowed Rs. 18,000 and Bad debts Rs. 15,000 to be apportioned in the ratio of sales
8. Income Tax Rs. 58,000 and Legal expenses Rs. 24,000

Prepare departmental trading profit and loss account for
the year ended 31st March 2016.

## Hire Purchase Accounting

Sum no 1
Kothari transports purchased two trucks from Mahindra Ltd on the hire purchase system on 1st January 2015 The cash price of each truck was Rs. 1,25,000
The payment of each truck were made as follows:
1/1/2015 Rs.30,000 each truck
31/12/2015 Rs.35,000 each truck
31/12/2016 Rs.40,000 each truck
31/12/2017 Rs. 45,000 each truck
Depreciate @ 20\% per annum on original cost is charged
You are required to calcualte interest per year and show the necessary accounts in the books of Kothari trans

## Sum no 2

On 1st Janaury 2014 Mahalakshmi transport Ltd purchased a truck from HMT LTd on hire purchase basis. The cash price of truck was
Rs. 5,96,000
Rs. 1,60,000 was to be paid on the date of purchase and the balance in three instalments

## 1,60,000 on 31st December every year

## subject to interest @5\%p.a.

Depreciation was to be provided @10\% on the reducing balance method.
Prepare the necessary accounts in the books
of mahalakshmi

## Sum no 3

Jaysons purchased a printing machine from Samson printers on Hire purchase basis on 1st July
2011. The terms of contract are as folows:

1. The cash price of the machine was Rs. 75,000
2. Rs. 15,000 was paid on signing the contract on 1st July 2011
3. The balance was paid in instalment of Rs. 20,000 plus interest @ 15\%per annum
4. The instalment was paid on 31st December every year commencing from 31st December 2011
Jaysons charged depreciation @ 20\% per annum under straight line depreciation method
They closed their book on 31st December in the books of jayson with necessary accounts
Pass necessay journal entries in the books of jayson

## Inventory Valuation

## Sum no 1.

1. The following information is provided by S Ltd .for the fortnight at April, 2014 . Stock on 1-4-2014 of material X 100 units @Rs. 5

PURCHASES
05-4-2014
08-4-2014
12-4-2014

## SALES

06-4-2014
250
10-4-2014
400
14-4-2014
Calculate value of closing stock and material consumed(cost of goods sold) using FIFO method and weighted average method.

## Sum no 2.

Prepare a stores ledger on FIFO method:
$1^{\text {st }}$ may opening stocks is 400 units at rs. 4 per unit
$4^{\text {th }}$ may purchased 600 units at rs. 6 per unit
$8^{\text {th }}$ may issued 800 units
$16^{\text {th }}$ may $\quad$ purchased 600 units at rs. 8 per unit
$20^{\text {th }}$ may issued 700 units
$25^{\text {th }}$ may returned from factory 10 units issued on 20 may
28th may returned to vendors 12 units purchased on 16 may.

Sum no 3.
From the following details find out closing stock of Bharat Industrial LTd as per FIFO method.

| Date | Purchases | Sales | Price per unit |
| :--- | :--- | :--- | :--- |
| $1^{\text {st }}$ November | 40 opening | - | 14 |
| $2^{\text {nd }}$ November | balance | - | 15 |
| $4^{\text {th }}$ November | 30 | - | 15 |
| $5^{\text {th }}$ November | 20 | 40 | 18.5 |
| $10^{\text {th }}$ November | - | 10 | 19 |
| $17^{\text {th }}$ November | - | - | 16 |
| $20^{\text {th }}$ November | 30 | 25 | 20 |
| $28^{\text {th }}$ November | - | - | 13 |
| $30^{\text {th }}$ November | 50 | 40 | 16 |
|  | - |  |  |

On $29^{\text {th }}$ November two units were found damaged and had to be discarded.

## Sum no 5

From the following details of stores receipts and issues of materials ABC
in a manufacturing unit prepare the stock ledger using the
weighted
average method of valuing the issues.
Jan-18 Particulars
Opening stock 2000 units @ 2.5
1 each

3
4 received 4500 units @ 3 each
8 Issued 1600 units to production returned to store 100 units by
9 production departmenet from the issue of 3 rd january
16 received 2400 units at Rs. 3.25 each returned to supplier 200 units out of
19 quantity received on january 4
20 received 1000 untis at 3.50 each
24 Issued to production 2100 units
27 Received 1200 units @ Rs. 3.75 each
29 Issued to production 2800 units

## Sum no 6

The following are the details of issues and receipts of a material of a stores
in a manufacturing concern for the period of three months ending 30th june 2018

There was 1500 units in stock on April 12018 was valued at Rs. 4.8 per kg.

| Receipts |  |  | Issues |  |
| :---: | ---: | ---: | :---: | ---: |
| Date | Quantity | Rate | Date | Quantity |
| Apr-10 | 1600 | 5 | Apr-04 | 1100 |
| Apr-20 | 2400 | 4.9 | Apr-24 | 1600 |
| May-05 | 1000 | 5.1 | May-10 | 1500 |
| May-17 | 1100 | 5.2 | May-26 | 1700 |
| May-25 | 800 | 5.25 | Jun-15 | 1500 |
| Jun-11 | 900 | 5.4 | Jun-25 | 1200 |
| Jun-24 | 1400 | 5.5 |  |  |

Isssues are to be priced on the basis of weighted average method.
The stock verifier of the company reported a shortage of 80
units
and 60 units on 31st May and 30th june. The shortage is
treated as
inflating the price of remaining material on account of shortage.

## Final Accounts

Sum no 1.

The following balances are extracted from the ledger accounts of MR. Bharat as on 31st December 2013.

| Particulars | Amount | Particualrs | Amount |
| :--- | ---: | :--- | ---: |
| Plant and machinery | 45,000 | Capital | $1,40,000$ |
| Opening stock of raw <br> materials | 20,000 | Sales | $4,60,000$ |
| Opening stock of finished <br> goods | 5,000 | Creditors | 90,000 |
| Purchases | $3,74,000$ |  |  |
| Debtors | $1,35,000$ |  |  |
| Wages | 30,000 |  |  |
| Salaries | 22,000 |  |  |
| Trade expense | 9,000 |  |  |
| Rent | 12,000 |  |  |
| Consignment (MR.X) | 33,000 |  | $6,90,000$ |
| Cash | 5,000 |  |  |
| Total | $6,90,000$ | Total |  |
| Adjs |  |  |  |

Adjustments :

1. opening stock of finished goods include stock of Stationery Rs. 200
2. Closing stock of raw materials RS. 10,000 closing stock of finished goods Rs.

20,000(including stock of stationery Rs. 100)
3. Trade expenses include payment of stationery of Rs. 2,000
4. Closing creditors include creditors for stationery of Rs. 500 for credit purchases
5. Mr. Bharat sent goods costing Rs. 33,000 to Mr. X (consignee) who sold two thirds of the quantity for Rs. 35,000
The consignee has incurred expenses of Rs; 2,000 and is entitled for commission of $5 \%$ on sales
6. Sale include a sum of $r s .32,000$ received on sale of goods received on behalf of MR. Y (consignor)
Mr. Bharat is entitled to a commission of $10 \%$ on these sales for which no entries is passed. The expenses of Rs. 1,000 for sale on behalf of MR. Y are debited to trade expenses (the expenses should be incurred by MR.Y)
7. Provide deprecciation on Plant and machinery 10\% per annum

## Sum no 2

From the following trial balance of MR. Arnav as on 31st March 2018 you are required to prepare manufacturing account, trading and profit and loss account for the year ended 31st March 2018 and a balance sheet as on that date

| Particulars | Amount | Particulars | Amount |
| :--- | :--- | :--- | :--- |
| Purchase of raw materials. | $3,15,000$ | Sales | $5,00,000$ |


| Opening stock - Raw materials | 32,000 | Creditors | 45,000 |
| :--- | ---: | :--- | ---: |
| Opening stock - WIP | 6,000 | Bills payable | 46,000 |
| Opening stock - Finished goods | 20,000 | Discount <br> received | 10,000 |
| Carriage inward | 3,000 | Provision for <br> bad debts | 2,000 |
| Direct labour | 24,000 | Capital | $1,05,000$ |
| Rent of factory | 20,000 |  |  |
| Electricity | 27,000 |  |  |
| Factory power and fuel | 21,000 |  |  |
| Office salaries | 24,000 |  |  |
| Selling and distribution expenses | 13,000 |  |  |
| Sundry debtors | 49,000 |  |  |
| discount allowed | 5,000 |  |  |
| Bad debts | 2,000 |  |  |
| Drawings | 15,000 |  |  |
| Machinery | 95,000 |  |  |
| Delivery van | 32,000 |  |  |
| cash at bank | 5,000 |  |  |
| Total | $7,08,000$ | Total | $7,08,000$ |

Additional information

1. Closing stock: Raw materials 16,000 , Work in progress -

10,000 finished goods Rs. 28,000
2. Outstanding factory rent RS. 1,000
3. Electricity is to be apportioned in the ratio of 2:1 to factory and office
4. Depreciate machinery @5\%per annum and delivery van @20\% p.a.
5. Debtors include Rs. 15,000 due from Pratik an amount of Rs.

8,000 is also due to him and is included in creditors
6. Provide reserve for doubtful debts @ $10 \%$ on debtors

## Sum no 3

From the following trial balance of taxman enterprises prepare manufacturing trading and profit and loss accoutn
for the year ended 31st December 2013 and balance sheet as on that date

| Particualrs | Amount | Particualrs | Amount |
| :--- | ---: | :--- | ---: |
| Opening stock |  |  |  |
| Raw materials | 18,000 | Capital | 62,500 |
| Finished goods | 3,500 | Bank balance | 27,000 |


| Purchase of raw materials | 95,800 | Creditors | 61,000 |
| :--- | ---: | :--- | ---: |
| Carriage (B) | 12,000 | Sales | $2,03,500$ |
|  |  | Return |  |
| Wages | 18,000 | outward | 2,500 |
| Salaries | 14,000 | Sale of scrap | 8,500 |
| Conveyance | 9,500 | Interest | 1,000 |
| Professional feees | 6,000 |  |  |
| Stationery | 3,750 |  |  |
| Electriciy | 1,250 |  |  |
| drawings | 30,000 |  |  |
| Power / Lighting | 4,500 |  |  |
| Insurance : Machinery | 700 |  |  |
| Reparis to machinery | 1,300 |  |  |
| Return inward3 | 3,500 |  |  |
| 10\% investments (1/1/13) | 15,000 |  |  |
| Debtors | 54,000 |  |  |
| Furniture | 30,000 |  |  |
| Machinery | 45,000 |  |  |
| Cash in hand | 200 |  |  |
| Total | $3,66,000$ | Total | $3,66,000$ |

Adjustment:

1. Closing stock : Raw materials Rs. 28,000 finished goods Rs.

2,300
2. 1/3rd of carriage is for sale of goods and $2 / 3 \mathrm{rd}$ is for purchases of rawmaterials
3. Goods purchased worth Rs. 3,000 are included in closign stock but no entry is passed in the books for the same
4. deprecidate plant and machinery, furnituer @ 10\%p.a.
5. Create proviison of $10 \%$ for bad and doubtful debts
6. In fire, finished goods costing Rs. 5,000 were destroyed but insuance company admitted the claim for Rs. 3,000 only 7. Debtors include Rs. 5,000 due from Amit. An amount of Rs.

4,000 is also due to him and it is included in creditors

## Sum no 4

From the following trial balance of Shri Karodimal prepare manufacturing accoutn, trading and profit and loss account for the year ended 31st December 2013 and the balance sheet as on that date:

| Particulars | Amount | Particulars | Amount |
| :--- | ---: | :--- | :--- |
| Drawings | 36,000 | Capital | $4,50,000$ |


| Goodwill | 40,000 | Sundry creditors | $1,25,000$ |
| :--- | ---: | :--- | ---: |
| Plant and machinery | $2,00,000$ | Bank loan | 75,000 |
|  |  | Reserve for bad |  |
| Land and builidng | $1,20,000$ | debts | 5,500 |
| Cash and bank balances | 37,000 | Sales | $3,24,000$ |
| Sundry debtors | 59,000 | Discount | 3,500 |
| trade marks | 9,000 | Returns outward | 6,500 |
| Salary to manager | 16,000 |  |  |
| Purchases of raw materials | $1,50,000$ |  |  |
| opening stock |  |  |  |
| rAw materials | 35,000 |  |  |
| Work in progress | 60,000 |  |  |
| Finished goods | 90,000 |  |  |
| Carriage inward | 10,000 |  |  |
| Wages and salaries | 75,000 |  |  |
| factory expenses | 12,000 |  |  |
| Factory rent and rates | 15,000 |  |  |
| Office expenses | 8,000 |  |  |
| Printing and stationery | 7,500 |  |  |
| Discount | 5,500 |  |  |
| Bad debts | 4,500 |  |  |
| Total | $9,89,500$ | Total |  |
| Adustents |  |  |  |

Adjustments:

1. on 31st December 2013 Stock were valued at :
rAw materials 55,000
Work in progress 75,000
Finished goods 95,000
2. Outstanding expenses : Printing and stationery Rs. 1,500
3. Prepaid expenses : Factory rent and rates Rs. 2,000
4. Manager is entitled to a commisison @ $2 \%$ of net profit before charging his commisison
5. Increase reserve for bad debts by Rs. 6,000
6. Interest on bank loan still unpaid Rs. 1,200
7. Depreciate : Plant and machinery @ $10 \%$ p.a..
8. Write off trade marks @ 331/3 \% per annum
9. provide depreciation at $10 \%$ on plant and machinery and $5 \%$
p.a. on furniture
10. increase the bad debts provision for Rs. 1,000
11. Five sixth of rent and rates, light and heat and insurance are allocated to the factory and one sixth to the office

Classify the following items to Capital or Revenue

| 1 | Stock of Rs. 25,000 was destroyed by fire of which Rs. 15,000 received from insurance company |
| :---: | :---: |
| 2 | Cost of transporting a newly purchased furniture |
| 3 | Amount spent by factory in overhauling its plant which has enhanced the life of the plant by five years |
| 4 | Travelling expenses for a trip abroad for purchase of capital goods |
| 5 | Compensation paid to a retrenched employee for a loss of employment |
| 6 | Expenditure incurred on account of trade fair |
| 7 | Carriage inward for bringing furniture |
| 8 | Purchase of a second hand typewriter |
| 9 | Cost of designing new product which did not come up for production |
| 10 | Heavy current repairs to roof of factory building |
| 11 | cost of alteration of cinema theatre in accordance with municipal law |
| 12 | Replacement of wooden roof with 20 years guarantee |
| 13 | replacement of worn out tyre of delivery van |
| 14 | Repainting of building |
| 15 | white washing of factory building |
| 16 | Heavy legal expenditure incurred by a publisher in a defamation suit |

## Assignment - AFM - II

## Branch Accounts

## Sum no 1.

The Calcutta Commercial company invoiced goods to its Jamshedpur Branch at cost. The Head office paid all the branch expenses from its bank except petty cash expenses which were paid by the branch
Following are the details relating to the branch prepare
Branch stock A/c, Branch debtors A/c, Branch expenses a/c and Branch P\&L A/c

| Stock (opening) | 21,000 |
| :--- | ---: |
| Debtors (opening) | 37,800 |
| Petty cash (opening) | 600 |
| Goods sent from Head office | 78,000 |
| Goods returned to Head office | 3,000 |
| Cash sales | 52,500 |
| Advertisement | 2,400 |
| Cash received from debtors | 85,500 |
| Stock ( closing) | 19,500 |
| Allowances to customers | 600 |
| Discount ot customers | 4,200 |
| Bad debts | 1,800 |
| Goods returned by customer to branch | 1,500 |
| Salaries | 18,600 |
| Rent | 3,600 |
| Debtors (Closing) | 29,400 |
| Petty cash (Closing) | 300 |
| Credit sales | 85,200 |
|  |  |

## Sum no 2

EMGEE enterprises of Pune has two branches at Solapur and Kolhaour. The branches maintain a account with

State bank and are authorised to make purchases locally.
Following information is obtained from Solpaur branch by Pune
office

| Particulars | Amount |
| :--- | ---: |
| Balances as on 1.4.2013 |  |
| Cash | 4,000 |
| Stock | 10,000 |
| Debtors | 24,000 |
| Bank | 14,000 |
| Creditors | 2,000 |
| Balances as on 31.3.2014 |  |


| Cash | 5,400 |
| :--- | ---: |
| Stock | 18,000 |
| Debtors | 8,000 |
| Bank | 12,000 |
| Creditors | 1,000 |
| Transactions during the year | 40,000 |
| Goods received from Pune | 3,000 |
| Goods received from Kolhapur | 6,600 |
| Locally bought goods | 600 |
| Payment to creditors by cash | 7,000 |
| Payment to creditros by cheque | 12,000 |
| Payment to debtors by cash | 18,000 |
| Payment to debtors by cheque | 20,000 |
| Sales on credit | 50,000 |
| Sales for cash | 5,000 |
| Goods returned by customers | 6,000 |
| Goods returned to Pune | 4,000 |
| Goods sent toKolhapur branch | 9,600 |
| Expenses paid at branch by cheque | $?$ |
| Cash deposited in bank | $?$ |
| Amount transferred to Pune |  |
| Pass |  |

Pass necessary accounts for branches under stock and debtors method in pune office books

Sum no 3.

BPO Company has a branch at Piune. Goods are invoiced to the branch at 20\% profit on invoiced price.
Branch has been instructed to send daily cash to the head office. All expenses of the branch are paid
by the head office except petty expense which are met by the branch manager.
From the following particulars prepare branch accoutn and memorandum branch debtors account in the
books of head office. The details of transactions for the year ended 31st December 2013 were as under:

## .Particualrs

Stock on 1st Jan 2013 (invoice price)
Sundry debtors 1st Jan 2013
Cash in hand - 1st Jan 2013
Furniture - 1st Jan 2013
Goods invoice to branch (Invoice price)
Goods returned to head office (invocie price)
goods returned by debtors
Cash received from debtors
Cash sales
Credit sales

## Amount

84,000
36,000
1,600
8,000
3,20,000
4,800
2,000
1,24,000
2,00,000
1,28,000
Discount allowed to debtors ..... 2,400
Expenses paid by head office
Rent ..... 4,800
Salary ..... 9,600
Stationery ..... 16,000
Petty expenses paid by branch manager ..... 1,200
Depreciation is to be provided on funriture @10\%p.a.Stock on 31st December 2013 at invoice price sRs.60,000
Sum no 4
From the following information prepare
Madras Branch A/c in the books of headoffice for the year ending 31st March
2014
Depreciate furniture @ 10\% p.a.
Particualrs
Amount
Opening stock (at Cost) ..... 3,56,000
Opening Debtors ..... 28,000
Opening petty cash ..... 500
Furniture in the beginning ..... 12,000
Opening creditors ..... 12,000
Goods sent to branch (At Cost) ..... 10,44,000
Goods returned to branch to H.O. AT cost ..... 17,200
Goods returned by customers to branch ..... 13,800
Closing stock (At Cost) ..... 3,76,800
Closing debtors ..... 1,92,000
Closing petty cash ..... 240
furniture at the end ..... ?
Closing creditors ..... 12,000
Cheques sent to branch for expenses ..... 99,740
Cash received from debtors ..... 12,78,000
Cash saless ..... 64,000

Fire Insurance Claims

## Sum no 1.

The premises of $\mathrm{M} / \mathrm{s}$ Ash were destroyed by fire on 30th June 2013.
Following figures were however available from various sources. Prepare statement of claim in repect of loss of stock
for submission to the fire insurance company. The firm closes its book on 31st December every year.

| Particulars | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{3 0 . 6 . 2 0 1 3}$ |
| :--- | ---: | ---: | ---: | ---: |
| Opening stock | 5,000 | 11,000 | 5,900 | 17,000 |
| Purchases less <br> returns | 45,000 | 72,500 | $1,31,600$ | 21,500 |
| Sales less returns | 50,000 | 99,400 | $1,52,750$ | 23,000 |
| Freight inward | 8,000 | 6,000 | 2,500 | 500 |
| Freight outward | 2,500 | 14,000 | 3,000 | 300 |
| Closing stock | 11,000 | 5,900 | 17,000 | $?$ |

In 2010, while valuing the closign stock a slow moving item costing Rs. 2,500 valued at Rs. 2,000 This was sold for Rs. 4,8000 in 2011. In 2011 an item costing Rs. 3,000 was wrongly valued at Rs. 3,500
This was sold or Rs. 2,250 in 2012
In 2012, a slow moving item costing Rs. 6,000 was valued at Rs. 5,000
$50 \%$ of which was sold before 30th June 2013 For Rs. 3,000
The value of salvage was Rs. 2,000 Compute claim

Sum no 2.
A fire occurred in the premises of M/s Kailash on 30th September 2013
From the following particulars relating to the period from 1st April 2013 to 30th September 2013 you are required to ascertain the amount of claim to be filed with the insurance company for the loss of stock.
The company has taken an insurance policy for Rs. 1,50,000 which is subject to average clause.
The value of goods salvaged
was estimated At Rs. 54,000 the average rate of gross porift was $20 \%$ through out the period opening stock 2,40,000
Purchases 4,80,000
Wages paid (including instalation of a machine Rs. 10,000) Rs. 1,50,000
Goods taken by propreitor (sales price) Rs. 50,000
Sales 6,20,000
Cost of goods sent to consignee on 20th sept 2013 lying unsold with them 36,000
Free samples distributed - Cost 5,000

Sum no 3.
From the following figures calculate claim to be made by the trader

| Particulars | 2011 | 2012 | 2013 | Upt 31.3.2014 |
| :--- | :--- | :--- | :--- | :--- |


| Opening stock | 18,000 | 27,000 | 27,540 | 28,872 |
| :--- | ---: | ---: | ---: | ---: |
| Purchases | $1,00,850$ | $1,05,100$ | $1,21,620$ | 28,920 |
| Return outward | 2,000 | 4,300 | 3,600 | 2,100 |
| Opening debtors | 15,000 | 18,000 | 20,000 | 16,000 |
| Carriage inward | 420 | 264 | 273 | 682 |
| Cash and cheque <br> received during the <br> year fromdebtors | $1,10,000$ | $1,26,800$ | $1,33,900$ | 62,900 |
| Returns inward | 2,000 | 1,200 | 2,100 | 3,100 |

Accounts are closed every year on 31st December. Debtors as on 31st March 2014 were Rs. 10,000 It is usual practice of he company to value sotck at $90 \%$ of its cost. The goods were insured by the Company for RS. 10,000 and undamaged goods by fire Rs. 3,800. Goods are sold only on credit basis Average gross profit of the preceding three completed accounting years was maintained by the company
during 2014. there is an average clause in the policy

## sum no 4

Bonfire enterprises close their account on 30th June every year.
On 30th September 2013 a major fire destroyed most of their stock. Following information could be gathered from their books:
Stock on 30th June 2013 3,60,000
Purchases from 1st July to 3.th sept 2013 6,00,000
Wages from 1st July to 30th Sept Rs 2,30,000
Sales from 1st July to 30th Sept 2013 Rs. 10,00,000
Carriage inward for the above period Rs. 10,000
Carriage outward for the above period Rs. 15,000
Averge percentage of G.P. to cost is $331 / 3 \%$
Stock of the value of RS. 75,000 could be salvaged.
Policy was for Rs. 2,50,000
Claim was subject to average clause
Following further information is available
Stock in the beginning was calculated at $10 \%$ less than cost
Purchases include purchase of furniture Rs. 25,000
amount spent for bringing and setting up of furniture in the office was Rs. 5,000 which was
included in the carriage inward

## Consignment Account

## Sum no 1

' $A$ ' consigned goods of the invoice price of Rs. $1,00,000$ which is $25 \%$ above cost, to $B$ of Pune on the following conditions:

1. Consignee to get commission of $5 \%$ on all sales
2. Any goods taken by the consignee himself shall be valued at cost plus $121 / 2 \%$ and no commission would be allowed on them
The expenses incurred by consignor were carriage and freight Rs. 7,000 and insurance Rs. 3,500. The consignor received Rs. 60,000 as advance against the consignment A/c sale together with a draft for the balance due was received by the consignor showing the following position. Goods of the invoice price of Rs. 80,000 were sold for Rs. 1,25,000. Goods of the invoice prices of Rs. 7,500 were taken by B. Amount of Rs. 2,000 on advertisement and Rs.1,200 on selling expenses were incurred by B. Prepare Consignment $A / c$ and Consignee's $A / c$ in the books of consignor.

## Sum no 2

Tanya Motors of Delhi purchased 50 used Maruti cars for RS. 50,00,000. Out of these, 30 cars were sent on consignment to Hari Motors of Kanpur at a selling price of Rs. 1,20,000 per car. The consignor paid RS. 60,000 in sending the cars to Kanpur. Hari motors sold 25 cars for Rs. $33,00,000$. Hari motors incurred Rs. 30,000 as the selling expenses. Out of the remaining 5 cars, Hari motors kept one car for their personal use at an agreed price of Rs. 1,25,000. 2 cars got damaged and were sold for Rs. 2,00,000 only. Owing to fall in market price of old cars, the value of remaining cars in stock be reduced by $10 \%$. Hari motors is entitled to $5 \%$ commission on sales. Prepare the consignment account of Tanya motors and the account of Tanya motors in the books of the consignee, Hari motors.

Sum no 3
On $1^{\text {st }}$ January, 2013 Mukherjee and co. of Kolkata sent 500 bicycles to Patel \& Co. of Surat costing Rs. 150 each at an invoice proce of $25 \%$ above cost price. Mukherjee and Co. paid Rs. 200 for packing eetc Rs. 100 for Insurance 600 for freight. On March 1 Patel \& co. sold 450 bocycles for Rs. 72,800 on which expenses were Rs. 1,060. $5 \%$ commission and $21 / 2 \%$ del credere commission was payable on sales. They sent Rs. 60,000 on account. From the above particulars open necessary accounts in the books of consignor.

## Sum no 4

$\mathrm{M} / \mathrm{s}$ Dinesh \& co. of Mumbai consigned to Dattatraya of Nashik 1,000 sewing mahcines costing Rs. 2,500 per sewing machine. They invoiced at $20 \%$ above cost price. M/s Dinesh \& Co paid RS. 3,000 for Insurance, Rs. 7,000 for carriage and RS. 10,000 for Miscellaenous expenses.
On receiving the consignment Mr. Dattatraya accepted a bill for half the amount of invoice price. $\mathrm{M} / \mathrm{s}$ Dinesh \& co. discounted the bill for Rs. 14,75,000 and discount was charged to consignment account.
Mr. Dattatraya sent an account sales which show as: -
Cash sales of 600 sewing machine @ Rs. 3,500 each
Credit sales of 300 sewing machine @ Rs. 4, 000 each
Mr. Dattatraya paid for godown Rent Rs. 6,000 and selling expenses Rs. 7,5000
Mr. Dattatrya remitted the balance due by a draft after deducting his expenses and commission @10\% on sales and del credere commission @2\%.
Show consignment account and Mr. Dattatraya account in the books of M/s Dinesh \& Co.s

Accounting From Incomplete Records

Sum no 1

Shri Deshmukh, who maintains his books of accounts on single entry, supplies you the following information: -

| Particulars | 31.12 .12 | 31.12 .13 |
| :--- | :--- | :--- |
| Sundry creditors | 20,000 | 25,000 |
| Bills payable | 4,000 | 9,000 |
| Stock | 30,000 | 28,000 |
| Machinery | 50,000 | 50,000 |
| Furniture | 8,000 | 8,000 |
| Sundry debtors | 33,000 | 38,600 |
| Bills receivables | 3,000 | 4,400 |
| Salaries outstanding | 1,000 | - |

Summary of cash Transactions during the year 2013

| Particulars | Amount | Particulars | Amount |
| :---: | :---: | :---: | :---: |
| To Balance as on 1.1.13 <br> To cash sales <br> To Receipts from <br> Debtors(including bills receivables) <br> To Miscellaenous <br> Receipts <br> To Loan From Kuber @ 10\% on 1.7.2013 | $\begin{aligned} & \hline 1,000 \\ & 12,000 \\ & 1,54,200 \\ & 600 \\ & 20,000 \end{aligned}$ | By Payments to creditors (including bills payable) <br> By Wages <br> By Salaries <br> By Office expenses <br> By Drawings <br> By Fixed deposits <br> By Machinery <br> (1.10.2013) <br> By Balance c/d | $\begin{aligned} & \hline 74,000 \\ & \\ & 22,000 \\ & 25,000 \\ & 16,000 \\ & 14,000 \\ & 10,000 \\ & 20,000 \\ & 6,800 \end{aligned}$ |
| TOTAL | 1,87,800 | TOTAL | 1,87,200 |

Discount allowed were RS. 1,800 and discount received during the year Rs. 1,000
You are required to prepare the trading, profit and loss a/c for the year ended 31 ${ }^{\text {st }}$ December 2013 after taking into consideration the following adjustments: -

1. Office expenses included insurance at Rs. 1,000 per annum paid upto $31^{\text {st }}$ March, 2014
2. Wages Rs. 4,000 are due on 31.12.2013
3. Of Sundry debtors Rs. 1,600 are to be written off as reserve for bad and doubtful debts
4. Depreciation is to be provided on furniture at $5 \%$ p.a. and on machinery at $10 \%$ p.a.
5. During the year Shri Deshmukh had taken goods of Rs. 1,000 for personal use no entry is made in the books

Sum no 2.

Rajendra carries on business of Retail Traders in consumer goods. He is not able to keep proper books of account. He provides the following information from which you are require to prepare his final accounts for the year 2016 and balance sheet as on that date:

The following were the balances of Assets and Liabilities.

| Particulars | 1.1 .16 | 31.12 .16 |
| :--- | :--- | :--- |
| Capital | $2,10,000$ | $?$ |
| Stock | 54,000 | 61,300 |
| Debtors | $?$ | $1,80,000$ |
| Furniture | 6,000 | 6,000 |
| Building | 90,000 | 90,000 |
| Creditors | 48,000 | 33,000 |
| Loan form Deepali | 5,000 | Nil |
| Bills receivables | 3,000 | 2,000 |
| Bills payables | 4,000 | 2,500 |
| Cash balance | 500 | $?$ |

Analysis of cAsh and Bank Book

| Particulars | Amount |
| :--- | :--- |
| Manager's Salary | 6,000 |
| Salaries to staff | 25,000 |
| General expenses | 22,500 |
| Paid to creditors | 90,000 |
| Bills receivable h onoured | 5,000 |
| Bills payable paid | 4,500 |
| Cash sales | 90,000 |
| Receipts from debtors | $1,50,000$ |
| Bank overdraft 1.1.2016 | 23,500 |
| Interest and bank charges | 450 |
| Personal drawings | 12,000 |
| Deepali's loan repaid with interest | 5,500 |

Additional information: -

1. Rajendra purchases and sells in cahs as well as on credit basis
2. During the year bills receivables of Rs. 1,000 was dishonoured
3. Further, Bills receivables worth Rs. 2,500 were endorsed but out of that also bills receivable fo Rs. 1,500 were dishonoured
4. Depreciate furniture and building @5\%p.a.
5. Create a provision for doubtful debts at Rs. 6,000
6. Discount was allowed by supplier Rs. 500
7. Salaries to staff was outstanding Rs. 3,000
8. General expenses were prepaid Rs. 1,000

## Sum no 3.

A trader keeps his books of account under single entry system. On 31 ${ }^{\text {st }}$ March, 2013 his statement of affairs stood as follows: -

| Liabilities | Amount | Assets | Amount |
| :--- | :--- | :--- | :--- |
| Trade creditors | $5,80,000$ | Furniture | $1,00,000$ |
| Bills payable | $1,25,000$ | Stock | $6,10,000$ |
| Outstanding expenses | 45,000 | Debtors | $1,48,000$ |
| Capital account | $2,50,000$ | Bills receivable | 60,000 |
|  |  | Un expired insurance | 2,000 |
|  |  | Cash in hand at bank | 80,000 |
| TOTAL | $10,00,000$ | TOTAL | $10,00,000$ |

The following was the summary of cash book for the year ended $31^{\text {st }}$ March 2014

| Receipts | Amount | Payment | Amount |
| :--- | :--- | :--- | :--- |
| Cash in hand and at bank on $1^{\text {st }}$ | 80,000 | Payment to trade creditors | $75,07,000$ |
| April, 2013 |  | Payments for bills payable | $8,15,000$ |
| Cash sales | $73,80,000$ | Sundry expenses paid | $6,20,700$ |
| Receipts from Trade Debtors | $15,10,000$ | Drawings |  |
| Receipts from Bills receivable | $3,40,000$ | Cash in hand at bank on 31 <br>  <br>  <br> Sat | $1,27,300$ |
| TOTAL | $93,10,000$ | TOTAL |  |

Discount allowed to trade debtors and received from trade creditors amounted to Rs. 36,000 and Rs. 28,000 respectively. Bills endorsed amounted to RS. 15,000. Annual fire insurance premium of Rs. 6,000 was paid every year on $1^{\text {st }}$ August for the renewal of the policy. Furniture were subject to depreciation @ $15 \%$ p.a. on diminishing balance method. You are also informed about the following balances as on $31^{\text {st }}$ March, 2014:

Stock - 6,50,000 : Trade debtors - 1,52,000: Bills receivable - 75,000 : Bills payables - 1,40,000 and outstanding expenses $-5,000$

The trade maintains a steady gross profit ratio of $10 \%$ on sales.
Prepare trading and profit and loss account for the year ended $31^{\text {st }}$ March 2014 and balance sheet as on that date.

## Sum no 4

Mr. Kane does not keep his books of accounts on double entry system. He requests you to prepare his trading and profit and loss account for the year ended 31.3.2011 and the balance sheet as on that date from the following information

| Particulars of assets and | 1.4 .2010 | 31.32011 |
| :--- | :--- | :--- |
| liabilities |  |  |
| Stock at cost | 22,000 | 25,000 |
| Debtors | 40,700 | 42,0000 |
| Creditors | 20,100 | $?$ |
| Cash at bank | 3,700 | $?$ |
| Furniture | 10,400 | 14,300 |
| Motor car | 24,000 | 21,500 |
| Outstanding expenses | 300 | 700 |
| Stationery stock | 300 | 400 |


| Summary of other transactions |
| :--- | :--- | :--- |


| Cash received form Debtors | 70,000 |
| :--- | :--- |
| Discount allowed to debtors | 100 |
| Discount received from suppliers | 300 |
| Goods returned by customers | 4,200 |
| Goods returned by suppliers | 3,400 |
| Cash paid to creditors | 57,000 |
| Wages paid | 3,700 |
| Drawings | 10,400 |
| Stationery purchased | 1,400 |

Mr. Kane informs you that he sells goods @ 20\% profit on the selling price. Provide 5\% as provision for bad debts and Rs. 800 as depreciation on furniture.s

## Class: SYBCOM

## Sub: accountancy and Financial Management III

## Piecemeal Distribution of Cash Assignments

## Sum no 1

$A, B$ and $C$ are sharing profit and losses in the ratio of 4:2:1. They decided to dissolve their partnership as on
31st March 2018 when their balance
sheet are as follows:

| Liabilities | Amount | Assets | Amount |
| :--- | ---: | :--- | :---: |
| Partners capital |  |  |  |
| A | 40000 | Cash in hand | 70 |
| B | 80000 | Investment | 15000 |
| C | 65000 | Stock | 64150 |
|  |  |  |  |
| Creditors | 5700 | Debtors | 22700 |
| General Reserve | 9450 | Machinery | 16300 |
| Bank overfraft | 16250 | Furniture | 2450 |
|  |  | Building |  |
|  |  | $\mathbf{2 1 6 4 0 0}$ | Total |
| Total |  |  | $\mathbf{2 1 6 4 0 0}$ |

1. All creditors and bank overdraft has to
be paid off.
2. Rs. 1200 have to be provided for realisation expenses.
3. Thereafter all cash received has to be distributed between partners
4. The amounts are realised as follows:

I Realisation 15360
II Realisation 18400
III Realisation 106420
IV Realisation 46300
5. The actual realisation expenses were

Rs. 600.
Prepare a statement of distribution of cash under excess capital method.

## Sum no 2.

$L, S$ and $B$ were partners sharing profits in the ratio of $1 / 2,1 / 4$, and $1 / 4$ respectively.

Their balance sheet as on 31st December 2018 were as under the date on which they decided to dissolve their partnership firm:

| Liabilities | Amount | Assets | Amount |
| :--- | ---: | :--- | ---: |
| Partners capital |  |  |  |
| L | 80,000 | Cash | 18,000 |
| S | 80,000 | Stock | 80,000 |
| B | 60,000 | Debtors | $1,20,000$ |
| Creditors | 30,000 | Furniture | 72,000 |
| Income tax payable | 8,000 | Motor car | 50,000 |
|  |  |  |  |
| Loan from bank (Secured by pledge <br> of stock in trade) | 60,000 |  |  |
| Loan from S | $\mathbf{2 2 , 0 0 0}$ |  | $\mathbf{3 , 4 0 , 0 0 0}$ |
|  | $\mathbf{3 , 4 0 , 0 0 0}$ | Total |  |
| Total |  |  |  |

1. Bank could realise only Rs. 50,000 on disposal of stock in trade
2. A sum of Rs. 6,000 was spent on furniture to get a better price
3. Other assets realised as follows:

| Jan-19 | 24,000 |
| :---: | :--- |
| Feb-19 | 30,000 |
| Mar-19 | 20,000 |
| Apr-19 | 60,000 |
| May-19 | 70,000 |

Prepare statement of distribution of cash under excess capital method.

## Sum no 3.

$A, B$ and $C$ are in partnership sharing profits and losses in the ratio of 2:1:1. They decided to dissolve their partnership on the basis of following balance sheet.

| Liabilities | Amount | Assets | Amount |
| :--- | :--- | :--- | :--- |
| Partners capital |  |  |  |


| A | 25,000 | Premises | 20,000 |
| :--- | ---: | :--- | ---: |
| B | 20,000 | Debtors | 30,000 |
| C | 11,500 | Stock | 35,000 |
| Creditors | 2,500 | Cash | 1,500 |
| General Reserve | 5,000 |  |  |
| Partner A's Loan | 7,500 |  |  |
| Bank Loan ( on <br> Mortgage of Premises) | 15,000 |  |  |
|  |  |  |  |
| Total | $\mathbf{8 6 , 5 0 0}$ | Total | $\mathbf{8 6 , 5 0 0}$ |

The assets were realised piecemeal as follows:
June-Rs. 2,500 received after meeting in full the mortgage loan.
July - Debtors 7,500 Stock 5,000
August - Debtors 10,000 stock 12,500
September - Debtors 8,500 stock 11,500

The remaining stock were taken over by B at an agreed value RS. 1,500
Creditors were settled for Rs. 2,000
The partners decided to distribute cash as and when realised.
Show distribution of cash under Highest Relative Capital method.

## Sum no 4.

Madhuri, Tabu and Juhi are carrying on business in partnership decided to dissolve it on and from
30th September 2018. the following was the balance sheet on that date:

| Liabilities | Amount | Assets | Amount |
| :--- | ---: | :--- | ---: |
| Partners capital |  |  |  |
| Madhuri | 40,000 | Fixed assets | 80,000 |
| Tabu | 10,000 | Current assets | 44,000 |
| Juhi | 20,000 | Bank | 26,000 |
| Creditors | 20,000 |  |  |
| General Reserve | 60,000 |  |  |
|  |  |  |  |
|  |  |  | $\mathbf{1 , 5 0 , 0 0 0}$ |

As per the arrangements with the bank the partners were entitled to withdraw Rs. 8,000 immediately and Rs. 18,000 after 1st December 2018.
It was decided that after keeping aside an amount of Rs. 2,000 for estimated realisation expenses, the available funds should be distributed among the partners as and when realised.

The following were the realisations:

Fixed assets Current assets
31st october 2018
15th November 2018
30th December 2018

20,000
20,000 10,000
52,000 24,000
20,000 24,000

Actual realisation expenses amounted to Rs. 1,400.
Prepare a statement of distribution of cash under Proportionate capital method.

## Partnership Final Accounts

## Sum no 1.

Avi, Ravi and Kavi carried on business in partnership. The partnership agreement provided that:

1. The partners are credited every year with interest @ $5 \%$ p.a. on the balances on Capital account.
2. Ignore interest on drawings and current account or partners
3. Profits and losses were to be shared in the proportion of Avi 50\%, Ravi $30 \%$ and balance to Kavi.
4. It was agreed however that Kavi share should not be less than 12,000. Any deficiency was to be borne by other partners in their profit sharing ratio.

Trial Balance as on 31.3.2019

| PArticualrs | Amount | Particulars | Amount |
| :--- | :--- | :--- | :--- |
| Lease hold premises <br> purchased during the <br> year | $\mathbf{4 0 , 0 0 0}$ | Capital Account: | $\mathbf{1 , 6 0 , 0 0 0}$ |
| Additions and <br> alterations to lease hold <br> premises | $\mathbf{2 0 , 0 0 0}$ | Avi's current A/c | $\mathbf{1 6 , 0 0 0}$ |
| Free hold premises (run <br> for 10 years) | $\mathbf{5 0 , 0 0 0}$ | Kavi's Current A/c | $\mathbf{1 2 , 0 0 0}$ |
| Purchases | $\mathbf{2 , 8 0 , 0 0 0}$ | Ravi's current a/c | $\mathbf{8 , 0 0 0}$ |
| Stock as on 1.4.2019 | $\mathbf{4 0 , 0 0 0}$ | Sales | $\mathbf{4 , 4 0 , 0 0 0}$ |
| Shop fittings at cost | $\mathbf{3 0 , 0 0 0}$ | Depreciation reserve <br> on shop fitings | $\mathbf{1 4 , 0 0 0}$ |
| Salaries and wages | $\mathbf{6 4 , 0 0 0}$ | Depreciation reserve <br> on furnitures | $\mathbf{2 , 0 0 0}$ |
| Office expenses | $\mathbf{4 5 , 0 0 0}$ | Reserve for doubtful | $\mathbf{5 0 0}$ |


|  |  | debts |  |
| :--- | :--- | :--- | :--- |
| Professional charges | $\mathbf{3 , 5 0 0}$ | Bills payable | $\mathbf{6 , 0 0 0}$ |
| Debtors | $\mathbf{2 0 , 6 0 0}$ | Loan from finance <br> corporation | $\mathbf{7 , 0 0 0}$ |
| Bank balances | $\mathbf{4 3 , 0 0 0}$ | General reserve | $\mathbf{4 , 0 0 0}$ |
| Cash in hand | $\mathbf{2 , 5 0 0}$ | Creditors | $\mathbf{3 0 , 0 0 0}$ |
| Furniture at cost | $\mathbf{2 0 , 0 0 0}$ |  |  |
| Bad debts | $\mathbf{1 , 2 0 0}$ |  |  |
| Bills receivables | $\mathbf{9 , 2 0 0}$ |  |  |
| Good will | $\mathbf{3 0 , 5 0 0}$ |  | $\mathbf{6 , 9 9 , 5 0 0}$ |
| TOTAL | $\mathbf{6 , 9 9 , 5 0 0}$ | TOTAL |  |

Capital Account for Avi, Ravi and Kavi in the ratio of $1 / 2,5 / 16$ and $3 / 16$ respectively.
Adjustments :

1. Stock as on $31^{\text {st }}$ March, 2020 was valued at cost price Rs. 32,000 and its market price was Rs. 35,000
2. Goods worth Rs. 1,200 destroyed by fire of which $50 \%$ goods were insured and insurance co. admitted a claim for $90 \%$ for insured goods in full settlement of claim
3. A debts of Rs. 600 is to be written off and provision for doubtful debts to be made at the rate of $5 \%$.
4. Salaries and wages include the following monthly drawings by partners : Avi Rs. 500, Kavi Rs. 250 and Ravi Rs. 300
5. Goods supplied to partners during the year 2020 : Avi Rs. 600 and Kavi : Rs. 400
6. On $31^{\text {st }}$ March 2020 rate paid in advance and office expense owing were Rs. 2,500 and Rs. 2,100 respectively
7. The cost of lease hold premises and additions and alterations to premises were to be written off over 20 years commencing from $1^{\text {st }}$ April 2019.
8. Depreciation on shop fiting at the rate of $5 \%$ p.a. as per straight line method and on furniture @5\%p.a. as per written down value method
9. Prepare final accounts of the firm

Ajay and Sanjay were partners sharing profit and loss as 3:2. On $1^{\text {st }}$ October 2016 Vijay manager joins for $1 / 4^{\text {th }}$ share. Vijay was getting a salary of Rs. 500 per month. After his admission his salary is to be borne by Sanjay personally. Vijay's share is guaranteed at RS. 9,000 p.a. by Ajay. No stock was taken on $1^{\text {st }}$ October, 2016 but opening stock as at $1^{\text {st }}$ April, 2016 was agreed to be valued at Rs. 2,000 above the book value. He paid Rs. 2,000 premium and Rs. 5,000 capital and the entire amount was credited to his suspense account. The trial balance as on $31^{\text {st }}$ March 2017 was as follows:

| Particulars | Amount (DR) | Amount (CR) |
| :--- | :--- | :--- |
| Ajay's capital | 6,000 | 31,000 |
| Sanjay's capital | 5,000 | 21,000 |
| Vijay's suspense account |  | 7,000 |
| Closing stock | 18,000 |  |
| Furniture | 2,000 |  |
| Machinery : Opening | 20,000 |  |
| Acquired as on 1.1.2017 (machinery) | 4,000 |  |
| Salaries (including Vijay's Salary) | 13,000 |  |
| Rent, Rates and taxes | 3,000 |  |
| Postage and telephone | 1,000 |  |
| Printing and stationery | 2,000 |  |
| Travelling | 3,000 | 11,000 |
| Debtors and creditors | 38,000 |  |
| Cash | 5,000 | 50,000 |
| Gross profit |  |  |

Provide depreciation at 10\% p.a. on Furniture and Machinery
Prepare profit and loss account and capital account of the partners for the year ended 31 ${ }^{\text {st }}$ March 2017.

## Sum no 3.

$A$ and $B$ were partners sharing profit and losses in $1 / 3$ and $2 / 3$ ratio. Interest on captial was credit at the rate of $5 \%$ p Charged on drawings. On 1st January2014 C admitted as a partner and the new profit sharing wsas 6:3:1.
C was to be credited salary at the rate of Rs. 6,000 per annum. It was agreed by A that C's total share of profits incluid and interest on capital should be guaranteed at a minimum of Rs. 18,600. Any apportionment should be made as to $g$ the basis of sales and as to expenses with the exception of general expenses on the basis of time. The trial balance as on 31st March 2014 are as follows:

| Particulars | Amt (DR) | Amt (CR) |
| :--- | :--- | :--- |


| Drawings and capitals |  |  |
| :--- | ---: | ---: |
| A | 30,000 | 48,000 |
| B | 15,000 | 24,000 |
| C ( Cash paid on 1-1-2014) | 3,000 | 8,000 |
| Delviery van (cost and prov.for dep) | 10,000 | 4,000 |
|  |  |  |
| sales (9months to dec 31st Rs. 240000) |  |  |
| Sales returns | 9,000 |  |
| Purchases | $2,22,000$ |  |
| Stock ( 31st March 2013) | 48,000 |  |
| Furniture | 15,000 |  |
|  |  |  |
| General exp ( 9 months to dec 31st Rs. 4,850) | 10,400 |  |
| Salaries | 24,000 |  |
| Heating and Lighting | 2,200 |  |
| Rent and rates | 9,600 |  |
| Debtors and creditors | 53,000 |  |
| Cash and bank | 19,800 | 18,000 |
| Total | $\mathbf{4 , 7 1 , 0 0 0}$ | $\mathbf{4 , 7 1 , 0 0 0}$ |

Additional information:
1.On 31st March 2014 stock was valued at Rs. 47,000
2.Rates paid in Advance Rs. 600
3.Rs. 800 is to be provided for electricity consumed to that date
4.Included in the sales and debtors Rs. 6,000 for goods sent on slae or return on 1st February 2014 which were still unsoldon 31stMarch 2014 (Cost Rs. 3,000)
5.Depreciation is to be provided at $20 \%$ per annum on the cost of delivery van and at $2.5 \%$ per annum on the furniture

## Sum no 4

The following is the trial balance of a firm as on 31st December 2018:

| Particulars | Amount Dr | Particulars |
| :--- | ---: | :--- |
| Purchases | $1,56,000$ | Capital account |
| Return inward | 2,400 | A |
| Stock | 24,000 | B |
| Drawings |  | C |
| A | 12,000 | Sales |
| B | 12,000 | Return outward |
| C | 12,000 | RDD |
| Salary | 27,000 | Bank Loan |
| Office expenses | 16,500 | Creditors |
| Bad debts | 2,100 | Bills Payable |
| Carriage inward | 4,500 |  |
| Carriage outward | 6,750 |  |
| Debtors | $1,00,000$ |  |
| Bills receivable | 3,250 |  |


| Bank | 8,000 |  |
| :--- | ---: | ---: |
| Cash | 2,500 |  |
| Investment | 25,000 |  |
| Premises | 50,000 |  |
| Machinery | 36,000 |  |
| Total | $\mathbf{5 , 0 0 , 0 0 0}$ | Total |

## Additional information : A is retired on 1st July

Goodwill of Rs. 90,000 was bought into books of accounts
Furniture worth Rs. 20,000 was purchased on 31st March 2018 but the invoice was not reccorded in the books Balance in A's account after making all adjustments was to be transferred to his loan account carrying interest @ 16\%
Closing stock was valued at Rs. 42,000.
Depreciate machinery by 10\%, Premises by 5\% and furniture by 5\% per annum
Provide interest on capital at 10\%p.a.
Prepare Trading, Profit and loss account for the year ended 31st december 2018 and balance sheet of a firm as on that date.

## Sum no 5

The following is the Trial Balance of $\mathrm{M} / \mathrm{s} \mathrm{A}, \mathrm{B}$ and C as on 31st December 2018.

|  |  |  | Amount <br> CR |
| :--- | ---: | :--- | ---: |
| Drawings : | Amount (DR) | Particulars |  |
| A | 4,000 | A | 12,000 |
| B | 4,000 | B | 12,000 |
| C | 4,000 | C | 12,000 |
| Purchases | 52,000 | Sales | 92,000 |
| Goods returned | 800 | Returns | 600 |
| Stock on 1st Jan 2018 | 8,000 | Bad debts provision | 3,000 |
| Salary | 9,000 | Bank Loan | 6,750 |
| Office expense | 4,000 | Creditors | 25,500 |
| Trade expenses | 1,500 | Bills payables | 900 |
| Bad debts | 700 | Other Loan | 2,000 |
| Carriage inward | 1,500 |  |  |
| Carriage outward | 2,250 |  |  |
| Debtors | 33,500 |  |  |
| Bills receivables | 1,000 |  |  |
| Bank | 2,800 |  | $1,66,750$ |
| Cash | 700 |  |  |
| Investment | 5,000 |  |  |
| Buildings | 20,000 |  |  |
| Plant and Machinery | 12,000 |  |  |
| Total | $1,66,750$ | Total |  |

Additional information:

1. On 1st July 2018 A died.
2. Goodwill was to be raised at RS. 30,000 and brought into the books
3. Machinery worth Rs. 24,000 was purchased on 31st March 2018 but the purchase invoice was not
recorded in the books
4. Balance standing to the credit of A after giving effect of above was to be treated as loan of MRS. A on which interest was $15 \%$ is allowed.
5. Closing stock is valued AT RS. 14,300
6. Bad debts provision is to be kept at Rs. 1,500
7. Depreciate plant by $10 \%$ and builiding by $5 \%$ p.a.
8. $15 \%$ interest on partners capital is to be provided
9. Each partner is to be paid a salary of Rs. 1,200 p.a.
10. Loan of Rs. 300 was given to a worker but is wrongly debited to Salary account
11. Outstanding trade expesnes Rs. 100

## Amalgamation of Firms

Sum no 1.
Following were the balance sheet as on March 2018 two firms M/s A \& B and M/s C \& D:

| Liabilities | A \& B | C\&D | Assets | A \& B | C\&D |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Creditors | 20,000 | 10,000 | Cash at bank | 15,000 | 8,000 |
| Bills payable | 5,000 | Nil | Investment at <br> cost <br> Less : Provision <br> 1,000 | 10,000 | 8,000 |
| Bank overdraft | 2,000 | 10,000 | Furniture | 12,000 | 6,000 |
| E's Loan | 6,000 | - | Premises | 30,000 | - |
| Capitals <br> A <br> B <br> C <br> D | 35,000 |  |  |  |  |
| 22,000 | - | 36,000 | Land | Nil | 50,000 |
| General reserve | $\mathbf{8 , 0 0 0}$ | $\mathbf{3 , 0 0 0}$ | Machinery | 15,000 | - |
| Investment <br> fluctuation fund | $\mathbf{2 , 0 0 0}$ | $\mathbf{1 , 0 0 0}$ | Goodwill | $\mathbf{9 , 0 0 0}$ | - |
| TOTAL | $\mathbf{1 , 0 0 , 0 0 0}$ | $\mathbf{8 0 , 0 0 0}$ | TOTAL | $\mathbf{1 , 0 0 , 0 0 0}$ | $\mathbf{8 0 , 0 0 0}$ |

It was decided by the firm to amalgamate their business on $1^{\text {st }}$ April, 2018 for this purpose it was decided that the new firms shall not take furniture of both the firms and shall take over investment at $10 \%$ less than the cost land at Rs. 80,000 premises at Rs. 45,000 machinery at Rs. 9,000. New firm agreed to take over only trade liabilities of both the firms and to pay Rs. 12,000 to each firm
as goodwill unrecorded typewriter with C\&D valued at Rs. 800 was not taken over by the firm.

Sum no 2
The following were the Balance sheet of two firms as on $31^{\text {st }}$ March 2017.

| Liabilities | A \& B | C\&D | Assets | A \& B | C\&D |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Sundry creditors | 61,000 | 39,000 | Cash | 2,000 | 1,000 |
| Bank Overdraft | - | 1,000 | Investments | 15,000 | 6,000 |
| Capital Accounts: <br> A <br> B <br> C <br> D | 50,000 |  |  |  |  |
| 30,000 |  | Debtors | 26,000 | 21,000 |  |
| Current A/c <br> A <br> B | - | 55,000 |  |  |  |
|  | 14,000 |  |  |  |  |
| 9,000 |  |  |  |  |  |
|  |  |  | Stock | 33,000 | 42,000 |
|  |  |  | Marniture | 8,000 | 5,000 |
| TOTAL | $\mathbf{1 , 6 4 , 0 0 0}$ | $\mathbf{9 5 , 0 0 0}$ | TOTAL | $\mathbf{1 , 6 4 , 0 0 0}$ | $\mathbf{9 5 , 0 0 0}$ |

Partners in both the firms shared profit and losses equally.
The two firms decided to amalgamate as from $1^{\text {st }}$ April 2017 on the following terms and conditions:

Assets are to be revalued as under:

| Particulars | A \&B | C\&D |
| :--- | :--- | :--- |
| Investments | 16,000 | 8,000 |
| Sundry debtors | 24,000 | 20,000 |
| Stock | 40,000 | 46,000 |
| Furniture | 6,000 | 4,000 |
| MAchinery | 78,000 | 13,000 |

1. Bank overdraft to be paid off by $C \& D$ firm.
2. Goodwill of A\&B to be valued at Rs. 24,000 and that of C\& D at Rs. Nil
3. No current account be maintained by the new firm
4. $C$ will make a gift of Rs. 6,000 to $D$ towards his capital
5. Prepare necessary accounts in the books of old firm

## Sum no 3

The balance sheet of $\mathrm{M} / \mathrm{s} \mathrm{M}$ \& N and $\mathrm{M} / \mathrm{s} R \& S$ as on $31^{\text {st }}$ March 2017 were as follows:

| Liabilities | M \& N | R \& S | Assets | M \& N | R \& S |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Capital : <br> M |  |  | Land | 36,000 | 47,400 |
| N | 36,000 |  |  |  |  |
| R | 36,000 | 36,000 |  |  |  |
| S |  | 36,000 |  | 25,200 | 28,800 |
| Creditors | 54,000 | 36,000 | Machinery | 10,800 | 12,600 |
| Loan |  | 39,600 | Furniture | 21,600 | 30,600 |
| Outstanding <br> expenses | 7,200 | 11,400 | Debtors | 28,800 | 32,400 |
|  |  |  | Stock | 3,600 | 1,800 |
|  |  |  | Bank | 7,200 | 5,400 |
|  | $\mathbf{1 , 3 3 , 2 0 0}$ | $\mathbf{1 , 5 9 , 0 0 0}$ | TOTAL | $\mathbf{1 , 3 3 , 2 0 0}$ | $\mathbf{1 , 5 9 , 0 0 0}$ |
| TOTAL |  |  |  | Cash |  |

The two firms decide to amalgamate and form into M/s MNRS with effect from $31^{\text {st }}$ March, 2017.

Partners would share profits and losses equally between themselves as they were doing prior to amalgamation and they agreed to following revaluation of assets and liablities:

| Particulars | M\&N | R\&S |
| :--- | :--- | :--- |
| Land | 45,000 | 45,000 |
| Machinery | 30,000 | 32,000 |
| Furniture | 10,000 | 12,000 |
| Debtors | 21,000 | 30,000 |
| Stock | 29,000 | 34,000 |
| Creditors | 52,000 | 34,000 |
| Loans |  | 38,000 |
| Outstanding expenses | 7,200 | 11,400 |

In addition to the above it was decided:

1. Goodwill of $M \& N$ and $R \& S$ were valued at Rs. 35,000 and Rs. 20,000 respectively and it should be written off in the new firm
2. That the reconstructed capitals of the partners world be Rs. 37,500 each. The difference if any should be transferred to Current Account
3. You are required to show the accounts in the books of $M / s M \& N$ and R\&S and the closing balance sheet of the new firm

## Sum no 4

Two independent firms carrying on similar business under the name \& style Tanaji \& Baji, YEsaji and Hiroji decided to amalgamate on $1^{\text {st }}$ April 2017 when their respective balance sheet were as under:

| Liabilities | M \& N | R \& S | Assets | M \& N | R \& S |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Capital : <br> Tanaji <br> Baji <br> Yesaji <br> Hiroji | 40,000 |  |  |  |  |
| Creditors | 20,000 |  |  |  |  |
| Mortgage loan | $\mathbf{2 8 , 0 0 0}$ | 35,000 |  |  |  |
| Bills payable | - | $\mathbf{2 2 , 0 0 0}$ |  | Stock | 29,000 |
|  |  |  | Debtors | $\mathbf{7 , 0 0 0}$ | $\mathbf{2 2 , 0 0 0}$ |
|  |  |  | Investment | - | 8,000 |
|  |  |  | Cash | $\mathbf{1 7 , 0 0 0}$ | $\mathbf{1 0 , 0 0 0}$ |
| TOTAL | $\mathbf{1 , 0 0 , 0 0 0}$ | $\mathbf{1 , 2 0 , 0 0 0}$ | TOTAL | $\mathbf{1 , 0 0 , 0 0 0}$ | $\mathbf{1 , 2 0 , 0 0 0}$ |

Terms of amalgamation were as under:
A. For Tanaji and Baji

1. Firm should pay its mortgage loan
2. Building to be increased to Rs. 60000
3. Furniture recorded $20 \%$ below cost should be recorded at its cost price
4. Stock to be reduced by Rs. 5,000
5. Debtors should appeared in the books at $95 \%$ of the book value
6. Goodwill to be valued at Rs. 30,000
B. For YEsoji \& Hiroji
7. Goodwill to be valued at Rs. 20,000
8. Investments not to be taken over bythe new firms
9. Stock was recorded $20 \%$ above the book value. It is to be recorded at its original cost
10. Reduce debtors by $10 \%$
C. It was further decided that
11. Total capital of the new firms is to be fixed at Rs. $1,50,000$ and the profit sharing ratio is 3:2:3:2. Is to be maintained for individual capital contribution of the partners adjustment in this respect is to be done through current accoutns.
D. Goodwill account in the firms is to be written off
12. Close books of Tanaji an dBaji and those of Yesoji and hiroji by realisation method. Prepare capital account of the partner in the new firm

Conversion of Partnership Firm into Limited Co.

## Sum no 1

Riu, Inu and Sinu were running partnership business sharing profit and losses in the ratio of 2:2:1. Their Balance sheet as on $31^{\text {st }}$ March 2017 Stood as follows:

| Liabilities | Amount | Assets | Amount |
| :--- | :--- | :--- | :--- |
| Fixed capitals: |  | Fixed Assets | $40,00,000$ |
| Riu | $30,00,000$ | Investment | $5,00,000$ |
| Inu | $20,00,000$ | Stock | $10,00,000$ |
| Sinu | $10,00,000$ | Debtors | $27,50,000$ |
| Current Accounts: |  | Cash at Bank | $12,50,000$ |
| Riu | $6,00,000$ |  |  |
| Sinu | $4,00,000$ |  |  |
| Unsecured loan | $10,00,000$ |  |  |
| Current Liabilities | $15,00,000$ |  |  |
| TOTAL | $95,00,000$ | TOTAL | $95,00,000$ |

On 1.4.2017, They agreed to form a new company RIS (P) LTd with Inu and Sinu each taking up 200 shares of Rs. 10 each, Which shll take over the firm as a going concern including goodwill but excluding cash and bank balances. The following are also agreed upon:

1. Goodwill will be valued at 3 years purchase of super profits
2. The actual profit for the purpose of goodwill valuation will be Rs. 2,00,000
3. The normal rate of return will be $18 \%$ per annum on fixed capital
4. All other assets and liabilities will be taken over at book values
5. The purchase consideration will be payment partly in shares of Rs. 10 each and partly in cash. Payment in cash being to meet the requirement to discharge Riu who has agreed to retire
6. Inu and Sinu are to acquire interest in the new company at the ratio 3:2
7. Realisation expenses amounted to Rs. 51,000

Sum no 2.
Ram and Sham were partners sharing profits in the ratio of 3:1 respectively. Their balance sheet as on 31.3.2017 are as follows:-

| Liabilities | Amount | Assets | Amount |
| :--- | :--- | :--- | :--- |
| Creditors | 20,000 | Fixed Assets | 50,000 |
| Bills Payables | 4,000 | Loose Tools | 4,000 |
| Ram's Loan A/c | 6,000 | Bills receivables | 8,000 |
| Liabilities for repairs | 4,000 | Stock | 15,000 |
| General reserve | 8,000 | Debtors 14,000 |  |
| Capital A/c: Ram | 32,000 | Less : RDD 2,000 | 12,000 |
| Capital A/c : Sham | 17,000 | Cash in hand | 2,000 |
| TOTAL | 91,000 | TOTAL | 91,000 |

The partnership was converted into Limited Company on that date, Subject to the following adjustments:

1. Fixed Assets include a Motor car of Rs. 8,000
2. The company agreed to take over other Fixed Assets at Rs. 52,000 Stock at Rs. 14,000 and Debtors at Rs. 13,000. The company also agreed to pay Creditors and bills payable at $10 \%$ discount.
3. Motor car was sold by the firm for Rs. 10,000
4. Bills receivable were taken over by Ram for Rs. 7,000 whereas Sham took the Loose Tools for Rs. 3,000.
5. Ram's Loan and liability for repairs were paid in full.
6. Realisation expenses amounted to Rs. 2,400
7. Goodwill was valued at 3 years of purchase of the average profits of the last 4 years. The profit figures are as follows: 2014 - Profits 4,000:2015 Profits - 8,000 : 2016 Loss Rs. 2,000 and 2017 Profits - 14,000
8. The purchase consideration was discharged by issuing 7,500 equity shares of Rs. 10 each at Rs. 8 per share and the blance in cash Prepare the necessary ledger accounts in the books of firm.

## Sum no 3

Madhav, Baban and Ganpat were in partnership sharing profit and losses equally. Their balance sheet as on $31^{\text {st }}$ December 2016 were as follows:

| Liabilities | Amount | Assets | Amount |
| :--- | :--- | :--- | :--- |
| Bills Payable | 12,075 | Goodwill | 5,000 |
| Creditors | 20,625 | Machinery | 22,500 |
| Capital A/c |  | Furniture | 2,625 |
| Madhav | 28,125 | Investment | 1,500 |
| Baban | 9,375, | Stock | 17,550 |
| Ganpat | 3,750 | Debtors | 22,625 |
|  |  | Cash | 2,150 |
| TOTAL | 73,950 | TOTAL | 73,950 |

They decided to sell their business to MBG LTD as Ganpat who was the working partner was found to be mismanaging the affairs of the firm. A sum of Rs. 500 received from the firm's debtors was not credited to their accounts but was misappropriated by him. Stock were overstated by Rs. 3,750 . Repairs to machinery amounting to Rs. 3,000 had been capitalised in the year 2014. Depreciation had been written off machinery during the three years ending $31^{\text {st }}$ December, 2016 at the rate of $10 \%$ on the diminishing balance.
MBG Ltd acquired all the partnership assets except investment which B agreed to take at Rs. 1,250 for the purpose of sale the assets were valued as follows:

Goodwill Rs. 1,250 : Furniture Rs. 1,625 : Stock Rs. 12,500 Machinery at book value, Debtors at book value less 5\%.
Madhav agreed to discharge the creditors. For the purpose of paying off the bills payable, Madhav and Baban introduced cash in their profit sharing ratio.

Ganpat being insolvent is unable to meet any deficiency that may arise. The purchase consideration was settled by the allotment at a premium of Rs. 10 per share of sufficient fully paid equity shares in MBG Ltd of Rs. 100each and the fractional balance, if any in cash.
Show the relevant ledger accounts recording the above transactions after setting right the discrepancies referred to above. Out of the shars received from the MBG Ltd BAban agreed to take 200 shares and balance was given to Madhav.

Sum no 4
The Balance Sheet of J \& S who shared profit and losses equally showed the following position immediately prior to the conversion of their business into a private limited company as on 31 ${ }^{\text {st }}$ March, 2017:

| Liabilities | Amount | Assets | Amount |
| :--- | :--- | :--- | :--- |
| Partners Capital: |  | Cash in hand | 60 |
| J | 7,560 | Bills receivable | 1,270 |
| S | 3,740 | Stock | 9,360 |
| Bank overdraft | 3,000 | Sundry debtors | 4,780 |
| Bills Payable | 500 | Plant \& Machinery | 4,000 |
| Sundry creditors | 10,670 | Land \& Building | 6,000 |
| TOTAL | 25,470 | TOTAL | 25,470 |

The company was duly formed with an Authorised Capital of Rs. 15,000 to acquire the business and it was agreed the above assets be revalued as follows: Stock - Rs. 7,500: Sundry debtors : - 4,250 : Plant and machinery - Rs. 3,500 Land and Buildings - Rs. 5,000 and that the reduction in the book values resulting therefrom be borne equally by J and $S$ who were the only members of the company.
With a view to provide working capital, $S$ paid to the new company such cash as would be necessary to make his capital equal to that of J and was allotted ordinary shars for that amount. The bank intimated that the overdraft would have to be reduced considerably and W (a friend of J) advanced Rs. 8,100 to the company agreeing to take up 6\%Debentures at Rs. 90

The Bank overdraft was duly discharged and Rs. 2,996 of the balance of cash paid to the company by $W$ was utilised to pay pressing creditors who agreed to accept $7 / 8$ in the rupee in satisfaction of their debts.

You are required to prepare the initial balance sheet of the company assuming that the above transactions have been carried out and that the formation expenses amount to Rs. 200 were duly paid by the company. Details of the calculation should be shown as footnotes to the required balance sheet.

## Class: SYBCOM

## Sub: Accountancy and Financial Management_IV

## Assignment

## Sum no 1

The following is the balance sheet
of Abhipaya Limited as on 31st
March 2017

| Liabilities | Amount | Assets | Amount |
| :--- | ---: | :--- | ---: |
| $5,000 ~ 12 \% ~ R e d e e m a b l e ~$ <br> preference shares of rS .100 each | $2,50,000$ | Fixed assets |  |
| 10,000 equity shares of RS. <br> $100 e a c h$ | $5,00,000$ | Stock | $12,00,000$ |
| Capital reserve | 50,000 | Debtors | $2,50,000$ |
| General reserve | $1,00,000$ | Cash | 25,000 |
| Profit and loss account | 75,000 |  | 25,000 |
| Current liabilities | $5,25,000$ |  |  |
| Total | $15,00,000$ | Total |  |

1. The preference shars are to be redeemed on 1st April 201 at $10 \%$ premium
2. On 1st April 2017, a fresh equity shares was made to the extent it is required under the companies Act
for the purpose of the redemption of the preference shares
3. The shortfall in cash resources for the purpose of redemption after utilizing the proceeds of fresh issue was met by raising a bank loan the cash balance of Rs. 25,000 being the minimum the compnay requires
for its trading operation
Draft journal enties in the books of the company to record these share capital transactions and prepare
Balance sheet in the for of prescribed by the companies act immediately after redemption.

Sum no 2.
Following is the summary
Balance sheet of M/s Ujjwal
Ltd as on 31 / 12 / 2017:

| Liabilities | Amount | Assets | Amount |
| :--- | :--- | :--- | :--- |
| 2,000 Equity shares of Rs. 100 <br> each | $2,00,000$ | Fixed assets | $6,00,000$ |
|  |  | Current assets <br> (including <br> bank balance <br> of Rs. |  |
| 2,000-9\% Redeemable |  | $1,00,000$ ) | $2,20,000$ |
| preference shares of Rs. 100 <br> each 2,00,000 | $1,99,000$ |  |  |
| Less : Calls in arrears (Rs. 25 <br> per share) <br> 1,000 | 96,000 |  |  |
| General reserve |  |  |  |


| Sundry creditors | $2,45,000$ |  |  |
| :--- | ---: | :--- | :--- |
| Bills Payable | 80,000 |  |  |
| Total | $8,20,000$ | Total | $8,20,000$ |

The directors forfeited preference shares for non payment of calls after giving notice to the
share holders and thereafter redeemed the preference shares at a premium of 10\%
For the purpose of redemption the company made a preference shares issue of 640 equity
shares of Rs. 100 each at a premoum of $5 \%$. All the shares are subscribed and fully paid
Pass necessary journal entries for the above transactions

## Sum no 3.

Following is the balance sheet
of Zakal Auto Ltd as on 31st
March 2017.

| Liabilities | Amount | Assets | Amount |
| :--- | ---: | :--- | :--- |
| $6,000-9 \%$ <br> preference shares of $r S .100$ <br> each 80 paid up | $4,80,000$ | Fixed assets | $24,00,000$ |
| $2,40,000$ equity shares of Rs. <br> 10 each fully paid | $24,00,000$ | Investment (At <br> Cost) (@RS. 100) | $5,80,000$ |
| Revenue reserves | $3,00,000$ | Bank Balance | $3,40,000$ |
| 8\% Debentures | $4,00,000$ | Other current <br> assets | $8,00,000$ |
| Current liabilities | $5,40,000$ |  |  |
| Total | $41,20,000$ | Total | $\mathbf{4 1 , 2 0 , 0 0 0}$ |

On the above date 9\% Preferene shares were redeemable at a premium of 5\%.

1. The company made final call of Rs. 20 per share on these shares. All the share holders paid the call money
2. The company issued 40,000 equity shares of Rs. 10 each at a premoum of Rs. 2 per shares for cash consideration.
the issue is fully subscribed and paid for
3. Part of investments were sold for Rs. $2,64,000$ at a profit of $10 \%$ on cost

4 The company redeemed the preference shares as per the terms. One preference share holder
holding 500 shares was untraceable hence payment could not be made to him.
Pass necessary journal entries in the books of Zakal Auto Ltd to record the above transactions

Sum no 4.
the following is the balance
sheet of rAinbow Ltd as on
31st March 2017

| Liabilities | Amount | Assets | Amount |
| :--- | ---: | :--- | ---: |
| $40,000 ~ 8 \%$ <br> preference share of Rs. 100 <br> each fully paid up |  |  |  |
|  | $40,00,000$ | Fixed Assets | $1,60,00,000$ |
| 80,000 equity shares of rs. <br> 100 each fully paid up | $80,00,000$ | Investment <br> (M.V. Rs. <br> $8,80,000)$ |  |
| Securities premium | $2,40,000$ | Stock | $16,00,000$ |
| General reserve | $24,00,000$ | Debtors | $28,00,000$ |
| Profit and loss account | $10,40,000$ | Bank balance | $8,00,000$ |
| Current liabilities | $83,20,000$ |  |  |
| Total | $2,40,00,000$ | Total | $2,40,00,000$ |

1. The $8 \%$ Preference shars are to be redeemed at a premium of $10 \%$.
2. Fresh issue of equity shars are to be made to the extent required in terms of the provision of Companies Act 2013
3.All the investments are to be sold off at market value
4.Temporary bank overdraft is to be arranged in case of shortage of funds
3. The company redeemed prefeence shares on 1st April 2017 except in case of one share holder holding
200 preference shares who could not be traced
4. Subsequently the company issued bonus shares in the ratio of one equity share for every four equity share held including new equity share
Pass necessary journal entries and prepare balance sheet after redemption

## Redemption of Debentures

## Sum no 1.

Pragati enterprises Itd issued 35,000 6.5\% debentures of rs. 100 each on October 1, 2009 redeemable in five equal annual instalments
starting with March 31st 2013. The Board of Director decide to transfer to
debenture redemptionn reserve Rs. 50,000 and Rs. 4,00,000
on 31st March 2010 and 2011 respectively and balance required to be transferred to debenture redemption reserve on March 31st 2012.
Record necessary journal entreis for payment of interest. Investment as required by law was made in fixed deposit of the bank
(Redemption out of profits)

## Sum no 2.

The following balances appeared in the books of X LTd as on 1st Janaury 2013.
9\% Debentures 2,50,000
$10 \%$ Debentures redempture reserve (Represented by Rs. 2,00,000 10\% Govt stock ) Rs. 1,80,000
The annual contribution to the debenture redemption reserve was Rs. 50,000 made on 31st December each year.
On 31st December 2013, balance at bank before the receipt of interest was Rs. 70,000
On the date all the invetments were sold at $95 \%$ and the debentures were duly redeemed.
Required : Pass journal entires for the year ending 31st December2013.
Prepare Debeneture Redemption reserve $A / c$, Debenture redemption reserve investment $A / c$
9\% debenture $A / c$, Debenture holders $A / c$ and Bank $A / c$

## Sum no 3

ITC LTd issued 1,100 5\% Debentures of Rs. 100 each on 1st Janaury 2011 redeemable at par. The company decided to set aside every year a sum of Rs. 34,893 to be invested @ 5\% outside the business

The investment were sold at Rs. 71,850 at the end of the third year and the debentures are reedeemed. Give journal entries also prepare sinking fund and sinking fund investmen account

## Sum no 4

A company issued 10,000 8\% Debentures of Rs. 100 each at par on 1.1.2010 redeemable on 31.12 .2013 at par.
The company decided to invest money outside business to provide funds for redemption. The outside investments are made at 5\% p.a. on the last day of each year
On 31st December 2013 the company sold all the investments for Rs. 7,25,000 and redeeemed the 8\% debebtyres The sinking fund value of Rs. 1 @ $5 \%$ interest for 4 years is 0.23012 .
Prepare for all the four year 8\% Debentures account, sinking fund acocunt, sinking fund investment account

## Sum no 5

Bharat Bank Ltd issued 50,000 15\% Debentures of Rs. 1,000 each at Rs. 952 per debenture.
The debentures are redeemable in five annual instalments of Rs. 200 each
it is decided to write off discount in proportion to the amount of debenture finance usage over the various years
Pass necessary journal entries for the first two years
(Redemption out of capital)

## Sum no 6

Hindustan manufacturing limited gave notice of its intention to redeem its $6 \%$ debentures amounting to Rs. 4,00,000 of Rs. 100 eaech at Rs. 102
and offered debenture holder the following three options to apply the redemption money to subscribe for:

1. $5 \%$ cumulative preference shares of Rs. 20 each at Rs. 22.50 per share
2. 6\% Debentures at Rs. 96 and
3. to have their holdings redeemed at cash

Debenture holder for Rs. 1,71,000 accepted proposal (1)
Debenture holder for Rs. 1,44,000 accepted proposal (2)
Remaining debenture holders accepted proposal (3)
Pass necessary journal enties to record the above transactions in the books of company the redemption
in cash whereever applicable
ws made fully out of profit

Sum no 7

The balance sheet of Saral Ltd as on 31st
March 2018 is as below:

| Liabilities | Amount | Assets | Amount |
| :--- | ---: | :--- | :---: |
| Issue and fully paid up share capital |  |  |  |
| 5,000 equity share of rS. 100 each | $5,00,000$ | Fiexed Assets (Net) | $9,00,000$ |
| 8,000 <br> of Rs. 100 each Redeembale preference shares | $8,00,000$ | Stock |  |
| General reserve | $2,35,000$ | Debtors | $\mathbf{2 , 4 0 , 0 0 0}$ |
| Profit and loss account | $5,80,000$ | Bank | $8,10,000$ |
| 8\% Debentures | $2,50,000$ |  |  |
| Sundry creditors | $\mathbf{3 5 , 0 0 0}$ |  | $\mathbf{2 4 , 0 0 , 0 0 0}$ |
| Total | $\mathbf{2 4 , 0 0 , 0 0 0}$ | Total |  |

Ont eh above date both preference shares and debenture were due for redemption
For this purpsoe company made a fresh issue of minimum number of fully paid equity shares of
Rs. 100 each at a premium of $10 \%$ after utilising allthe availbale resoruces to the maximum extent All equtiy shares were fully subscribed and all amount were duly received
Keeping in view the provisions of section 80 of the companies Act all preference shares were redeemed at a premium of $10 \%$ and debentures at apr
One customer paid his dues of Rs. 28,500
One preference share holder holdling 150 shares was not traceable
Pass necessay journal entires

## Sum no 8

On 31st March 2018 Jehangir LTd had to redeem 5,00,000 15\% Redeemable Preference Shares of Rs. 100 each at a premium of Rs. 10 per share and $40,00016 \%$ non convertible debentures of Rs. 1,000
each at a premium of $5 \%$. On 31st March 2017 the company reserve and surplus position was as under:
Securities premium Rs. 25,00,000
Capital reserve Rs. 2,00,00,000
Debenture redemption reserve Rs. 4,00,00,000
Revenue reserve Rs. 3,00,00,000
Balance in profit and loss account 75,00,000
During the year end 31st March 2018, the company earned profit afer tax of Rs. 90,00,000 of which
Rs. 10,00,000 were capital profit and the rest were revenue profits
Directors of Jehangir Ltd decided to

1. Pay preference dividend out of revenue profits
2. Redeem the debenture as per the terms
3. Redeem the preference shares as per the term
4. use security premium money for providing for premium on redemption
5. Transfer necessay amount to capital redemption reserve

Pass necessary entries

1. Sound Ventures Ltd was incorporated as a private limited company on $1^{\text {st }}$ August, 2015 to take over a business as a going concern as form $1^{\text {st }}$ February, 2015. The purchase price of the business for such acquisition was fixed on the basis of the Balance Sheet of the firm as at 31 ${ }^{\text {st }}$ January, 2015 but the agreement provided that the vendor would get $80 \%$ of the profits earned prior to $1^{\text {st }}$ August, 2015 as compensation
Company's a/cs are made upt0 $31^{\text {st }}$ January each year and the summarised trading and profit and loss account for the year ended 31st January, 2016 disclosed the following results:

| Particulars | Amount | Particulars | Amount |
| :--- | :--- | :--- | :--- |
| To Materials consumed | $1,86,000$ | By Net Sales | $2,60,000$ |
| To Manufacturing wages | 48,500 | By Closing stock |  |
| To Misc. Expenses of | 18,600 | $-\quad$ Finished goods | 49,000 |
| manufacture | 6,300 | $-\quad$ Incomplete | 6,000 |
| To Gross Profit c/d | 55,600 | goods |  |
| TOTAL | $3,15,000$ | TOTAL | $3,15,000$ |
| To Salaries, Establishment | 18,300 | By Gross Profit b/d | 55,600 |
| charges |  |  |  |
| To Office expenses | 2,750 |  |  |
| To Director's Fees | 1,800 |  |  |
| To Bad Debts | 2,300 |  |  |
| To Debenture Interest | 1,250 |  |  |
| To Commission \& Discount | 7,800 |  |  |
| To Carriage outwords | 1,600 |  | 55,600 |
| To Depreciation | 10,300 |  |  |
| TO Net Profit | 9,500 |  |  |
| TOTAL | 55,600 | TOTAL |  |

Further information available was that sales made by the company amounted to Rs.
$1,16,000$ and bad debts amounted to Rs. 1,100 were written off prior to $1^{\text {st }}$ August, 2015.

Prepare a statement showing profits earned prior to and after incorporation. State also the amount of profit prior to $1^{\text {st }}$ August 2015 payable to the vendors.

Sum no 2.
$\mathrm{M} / \mathrm{s}$ Everfresh LTd was formed to take over a running business with effect from 1stApril, 2015. The company incorporated on $1^{\text {st }}$ October, 2015. The following Profit and Loss account has been prepared for the year ended 31 ${ }^{\text {st }}$ March 2015

| Particulars | Amount | Particulars | Amount |
| :--- | :--- | :--- | :--- |
| To Salaries | $2,40,000$ | By Gross Profit c/d | $16,00,000$ |


| To Printing \& Stationery | 24,000 |  |  |
| :--- | :--- | :--- | :--- |
| To Travelling expenses | 84,000 |  |  |
| To Advertisement | 80,000 |  |  |
| To Miscellaenous Trade | $1,89,000$ |  |  |
| exp |  |  |  |
| To Rent (Office building) | $1,32,000$ |  |  |
| To Electricity charge | 21,000 |  |  |
| To Preliminary expenses | 56,000 |  |  |
| TO Bad Debts | 16,000 |  |  |
| To Commisison to selling | 80,000 |  |  |
| TO Audit fees | 30,000 |  |  |
| To Debenture interest | 15,000 |  |  |
| To Interest paid to | 21,000 |  |  |
| vendors | $1,26,000$ |  | $16 ., 00,000$ |
| To Selling expenses | 48,000 |  |  |
| To Depreciation | $4,38,000$ |  |  |
| TO Net profit c/d | $16,00,000$ | TOTAL |  |
| TOTAL |  |  |  |

Additonal information:

1. Total sales during the year, which amounted to Rs. $96,00,000$ arose evenly upto the date ofteh certificate of incorporation, whereafter they spurted to record increase of tow - thirds during the rest of the year.
2. Rent of the office building was paid @ Rs. 1,20,000 per annum upt September 2015 and thereafter it was increased by Rs. 24,000 per annum.
3. Travelling expenses include Rs. 24,000 towards sales promotion
4. Depreciation includes Rs. 3,000 for assets acquired in the post incorporation period
5. Purchase consideration was discharged by the company on $31^{\text {st }}$ October, 2015 by issuing equity shares of Rs. 10 each
6. Salaries include Rs. 40,000 paid to the Director. There were 3 employees upto $30^{\text {th }}$ September, 2015 after which the number was increased by six employees. The rate of salary was the same in all cases.

Sum no 3.
XYZ Pvt Ltd was incorporated on 1.08.2015 to take over the business of M/s Rank \& Co. from 1.4.2015. the profit and loss account as given by XYZ pvt (P) Ltd for the year ending 31.3.2016 is as under:

| Particulars | Amount | Particulars | Amount |
| :--- | :--- | :--- | :--- |
| To Advertisement | 99,000 | By Gross Profit b/d | $9,45,000$ |
| To Audit fee | 15,000 | By Interest on | 16,000 |
| To Bad debts related to | 27,000 | Investment |  |
| sales |  |  |  |
| To Depreciation | 21,000 |  |  |


| To Discount | 9,000 |  |  |
| :--- | :--- | :--- | :--- |
| To Interest on debentures | 80,000 |  |  |
| TO Preliminary expenses | 12,000 |  |  |
| To Rent | $1,40,000$ |  |  |
| To Salaries | $4,48,000$ |  |  |
| To Underwriting commission |  |  |  |
| TO Net Profit | 20,000 |  |  |
|  | 90,000 |  | $9,61,000$ |
| TOTAL | $9,61,000$ | TOTAL |  |

Prepare Profit and Loss statement showing allocation of pre - incorporation and post - incorporation profit after considering following information:

1. Gross profit ratio was constant throughout the year
2. Sales for August 2015 to November 2015 were $1 \frac{1}{2}$ times the average monthly sales while for December, 2015 to March, 2016 were 2 times the average sales.
3. Company had to occupy additional space from $1^{\text {st }}$ December, 2015 for which rent was RS. 5,000 per month.
4. Bad debts are shown after adjusting a recovery of Rs. 9,000 of bad debts for a sale made in July, 2015
5. Salary of one manager was increased by Rs. 2,000p.m. from August, 2015. Salary of other employees remains unchanges
6. All investments were sold in May, 2015 at a profit of Rs. 27,000 . Profit on sale of investment inadvertently included to sales and ultimately to gross profit.

Sum no 4.
Following Trial Balance is extracted from the books of Invent Ltd as on 31 ${ }^{\text {st }}$ March, 2015. The company was incorporated as on $1^{\text {st }}$ July, 2014 to take over the business of proprietory concern with effect from $1^{\text {st }}$ April, 2014. The authorised share capital of the company was 50,000 equity shares of Rs. 10 each The purchase consideration Rs. $1,25,000$ was settled on $1^{\text {st }}$ October, 2014 by issue of 10,000 equity shares of Rs. 10 each at par and balance in the form of $12 \%$ Debentures of Rs. 100 each issued at par.

The following is the trial balance as on $31^{\text {st }}$ March 2015

| Particualrs | Amount <br> (DR) | Particulras | Amount <br> (CR) |
| :--- | :--- | :--- | :--- |
| Opening stock | 23,6000 | Sales | $2,10,000$ |
| Purchases | $1,75,800$ | Sundry creditors | 30,200 |
| Carriage inward | 5,200 | Bills payable | 29,000 |
| Salaries | 24,000 | Equity share capital | $1,00,000$ |
| Office expenses | 63,600 | Profit on sale of investment | 5,800 |
| Commission on sales | 14,100 | $12 \%$ Debentures | 25,000 |
| Director fees | 3,200 |  |  |


| Interest on Purchase consid | 6,250 |  |  |
| :--- | :--- | :--- | :--- |
| Preliminary expenses w/off | 7,500 |  |  |
| Sundry debtors | 54,000 |  |  |
| Bills receivables | 4,750 |  |  |
| Investment | 18,000 |  | $4,00,000$ |
| TOTAL | $4,00,000$ | TOTAL |  |

Additional Information:

1. Stock as on $31^{\text {st }}$ March, 2015 was Rs. 15,200 and stock as on 1.7.2014 Was Rs. 4,000
2. Purchases of Rs. 1,75,000 included purchase of computer on $1^{\text {st }}$ March 2015 for Rs. $1,00,000$ on which depreciation is to be charged at $60 \%$ p.a.
3. Total purchases for the post incorporation period(excluding purchase of computer) are three time that of pre incorporation period
4. Interest @10\%p.a. was paid on purchase consideration
5. Investment were sold on $1^{\text {st }}$ May 2014
6. Provide for outstanding interest on debentures
7. Gross profit for pre incorporation period was Rs. 30,150
8. Sales in the pre incorporation period were Rs. 70,000

Prepare Trading, Profit and Loss A/c of Invent Ltd for the year ended 31 ${ }^{\text {st }}$ March 2015 in the columnar form apportioning various expenses and income between pre and post incorporation period on suitable basis

## Class: TYBCOM

## Cost Accounting - Assignment - Semester V

## Material Cost

## Sum no 1.

2. The following information is provided by S Ltd .for the fortnight at April, 2014 . Stock on 1-4-2014 of material X 100 units @Rs. 5

## PURCHASES

05-4-2014
08-4-2014
12-4-2014

## UNITS

300@ Rs. 6
500@ Rs. 7
600@Rs. 8

## SALES

06-4-2014
250
10-4-2014 400

14-4-2014 500
Calculate value of closing stock and material consumed(cost of goods sold) using FIFO method and weighted average method.

## Sum no 2.

Prepare a stores ledger on FIFO method :
$1^{\text {st }}$ may opening stocks is 400 units at rs. 4 per unit
$4^{\text {th }}$ may purchased 600 units at rs. 6 per unit
$8^{\text {th }}$ may issued 800 units
$16^{\text {th }}$ may purchased 600 units at rs. 8 per unit
$20^{\text {th }}$ may issued 700 units
$25^{\text {th }}$ may returned from factory 10 units issued on 20 may
28th may returned to vendors 12 units purchased on 16 may.

Sum no 3.
From the following details find out closing stock of Bharat Industrial LTd as per FIFO
method.

| Date | Purchases | Sales | Price per unit |
| :--- | :--- | :--- | :--- |
| $1^{\text {st }}$ November | 40 opening balance | - | 14 |
| $2^{\text {nd }}$ November | 30 | - | 15 |
| $4^{\text {th }}$ November | 20 | - | 15 |
| $5^{\text {th }}$ November | - | 40 | 18.5 |
| $10^{\text {th }}$ November | - | 10 | 19 |
| $17^{\text {th }}$ November | 30 | - | 16 |
| $20^{\text {th }}$ November | - | 25 | 20 |


| $28^{\text {th }}$ November | 50 | - | 13 |
| :--- | :--- | :--- | :--- |
| $30^{\text {th }}$ November | - | 40 | 16 |
|  |  |  |  |

On $29^{\text {th }}$ November two units were found damaged and had to be discarded.

Sum no 4.
From the following
data for the year end
31st December 2018
calculate inventory
turn over ratio and
give comments.

| Particulars | Material $\mathbf{X}$ | Material $\mathbf{Y}$ |
| :--- | ---: | ---: |
| Opening stock | 20,000 | 18,000 |
| Purchases | $1,04,000$ | 54,000 |
| closing stock | 12,000 | 22,000 |

Sum no 5.
Two components $A$ and $B$ are used as follows:

| Normal usage | 50 units per week <br> each |
| :--- | :--- |
| Minimum usage | 25 units per week |
|  | each |
| Maximum usage | 75 units per week |
| Re - order quantity | each |
|  | A $: 300$ units |
| Re - order period | B:500 units |
|  | A $: 4$ to 6 weeks |
| B $: 2$ to 4 weeks |  |

Calculate Maximum level, Minimum Level, Re - order level and Average level

Sum no 6.

KL Ltd produces product M which has a quarterly demand of 8000 units. The product requires 3 kg quantity of material X.
for every finished unit of product.
the other information are as follows:
cost of material X is Rs . 20 per kg
cost of placing an order is Rs. 1000 per order
carrying cost $15 \%$ per annum of average inventory
calculate: EOQ for material X
should company accept an offer of $2 \%$ discount by
the supplier, if he wants to supply the annual requirement of material $X$ in 4 equal
quarterly instalments?

## Sum no 7

A firm is able to obtain quantity discounts on its orders
of materials as follows:

| price per kg | KGs |
| :--- | :--- |
| 8 | Less than 250 |
| 7.9 | 250 and less than 500 |
| 7.8 | 500 and less than |
|  | 1000 |
| 7.6 | 1000 and less than |
| 7.5 | 2000 |
|  | 2000 and above |

The annual demand for a material is 2000 kg .

Stock holding cost are $20 \%$ of material cost per annum
the delivery cost per order is Rs. 8

Minimum ordering quantity is 200
You are required to calculate best quantity to a order.

## Labour Cost

## Sum no 1.

```
From the following particulars calculate the earnings of workers }
and Y
for a day under Straight Piece Rate system and Taylor Differential
Piece
Rate system.
Standard Production-20 units per hour
Normal time rate - Rs. 5 per hour
Differential to be applied :
80% of piece rate below standard
120% of piece rate above standard
Hours of the day = 8
Output X = 150 units
Output Y = 200 units
```


## Sum no 2.

In a manufacturing concern the daily wage rate is Rs. 5 . The standard output in a 6 day week is 200 units representing $100 \%$ efficiency. The daily wage rate is paid
without bonus to those workers who show upto 66 2/ 3 \% of the efficiency standard.

Beyond this there is a bonus payable on a graded scale as below:
80\% efficiency - 5\% bonus
90 \% Efficiency - 9\% bonus
100 \% efficiency - 20\% bonus
Further increase of $1 \%$ for every $1 \%$ further rise in efficiency. In a 6 day week
A produced - 180 units, B produced - 150 units, C produced - 200 units
D prodcued - 208 units and E produced - 130 units

## Sum no 3

In a manufacturing concern the daily wages guaranteed for workers is Rs. 5. the standard output for the month is 4,000 articles representing $100 \%$ efficiency. The rate of wages is paid without bonus those workers who show up to $662 / 3 \%$ efficiency. Beyond this bonus is payable on graded scale

## Efficiency

90\%

## Bonus

10\%
further increase 1\% on bonus for every 1\% further rise in efficiency calculate total earnings of $A, B, C$ and $D$ who have worked 26 days in a month. A's output - 2,000 articles B's output - 3,600 articles C's output - 4,000 articles and D's output - 4,800 articles

## Sum no 4

XYZ co. employs its workers for a single shift of 8 hours per day for 25 days
in a month.the company has recently fixed standard output of 80 units per day per worker for a mass production item and introduced an incentive scheme to boost output. Details of wages payable to the workers are as follows:
Basic wages Rs. 6 unit subject to a guaranteed minimum wages of RS. 160 per day worked dearness allowance : Rs. 80 per day worked incentive bonus

Upto 80\% efficiency - Nil
For efficieny above 80\% Rs. 100 for every 1\%
increase above 80\%
the details of performance of 2 workers for a particular month
are as follows:

|  | No.of <br> days <br> worked | Output <br> (units) |
| :--- | :--- | :---: |
| Workers | 25 | 1640 |
| A | 18 | 1000 |

## Sum no 5

Calculate the earnings of $A$ and $B$ from the following particulars for the month and allocate
the labour cost to each job $X, Y$ and $Z$.

## Particulars

Basic wages
D.A.

Contribution to PF (on basic)
A B
100160
50\% 50\%
$8 \% \quad 8 \%$

Contribution to ESI (on basic)
2\% 2\%
10
overtime
hours

The normal working hours for the month are

250
Overtime are paid at double the total of normal wages and dearness allowance employers and employees contribution to PF and ESI are at equal rates
The two workers were employed on job X, Y and $Z$ in the following proportions

|  | Job | Job |
| ---: | :--- | :--- |
| Job x | $Y$ | $Z$ |
| $40 \%$ | $30 \%$ | $30 \%$ |
| $50 \%$ | $20 \%$ | $30 \%$ |

Worker A
50\% 20\% 30\%
Worker B
Overtime was done on job $Y$ at the request of the customers.

## Sum no 6.

from the following particulars work out the earnings for the week of a worker under:
straight piece
differential piece rate
halsey premium plan
rowan plan
number of working hour per week - 48
wages per hour - Rs. 7.5
normal output per week - 120 pieces
actual output per week -150 pieces
time allowed for actual production - 60hours
differential piece rate $80 \%$ of the piece rate when output is below standard and $120 \%$ above standard

## Overheads

## Sum no 1.

KVD LTd has five departments $P, Q, R$ and $S$ are production department and $\mathrm{S}-1$ is a service department

| Particulars | Amoun t |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Supervision | 4,00,00 0 |  |  |  |  |
| Insurance on stock | $\begin{array}{r} 1,60,00 \\ 0 \end{array}$ |  |  |  |  |
| Lighting | $\begin{array}{r} 1,80,00 \\ 0 \\ \hline \end{array}$ |  |  |  |  |
| Employer liability of employee insurance | 60,000 |  |  |  |  |
| Repairs | $\begin{array}{r} 3,50,00 \\ 0 \\ \hline \end{array}$ |  |  |  |  |
| Rent | $\begin{array}{r} 2,50,00 \\ 0 \end{array}$ |  |  |  |  |
| Depriciaiton | $\begin{array}{r} 4,20,00 \\ 0 \\ \hline \end{array}$ |  |  |  |  |
| The following information is also available in respect of five departments |  |  |  |  |  |
| Particulars | P | Q | R | S | S-1 |
| Area (Sq ft) | 1,400 | 1,200 | 1,100 | 900 | 400 |
| No. of workers | 250 | 300 | 100 | 100 | 50 |
| Total wages | $\begin{array}{r} 1,00,00 \\ 0 \\ \hline \end{array}$ | 80,000 | 50,000 | 50,000 | $\begin{array}{r}\text { 20,00 } \\ 0 \\ \hline\end{array}$ |
|  | 2,00,00 | 1,80,00 | 1,60,00 | 1,00,00 | 60,00 |
| Value of Plant | 0 | 0 | 0 | 0 | 0 |
| No. of Light points | 50 | 40 | 35 | 30 | 25 |
| Value of Stock | $\begin{array}{r} 1,50,00 \\ 0 \end{array}$ | $\begin{array}{r} 1,00,00 \\ 0 \end{array}$ | 50,00 | 20,000 | Nil |

## Sum no 2

Cadila Co. Ltd has three production
departments A, B, C and two service
department D and E .
The following figures are extracted from the records of the company.

| Particulars | Amoun <br> t |
| :--- | :--- |


| Rent and Rates | 30,000 |
| :--- | ---: |
| Indirect wages | 10,000 |
| Depreciation of machinery | 18,000 |
| General Lighting | 6,000 |
| Power | 10,000 |
| Sundries | 17,000 |

The following figures are extracted from the records of the company.

| Particulars | Total | A | B | C | D | E |
| :--- | :--- | :--- | :--- | ---: | ---: | ---: |
| Floor space (sq ft) |  |  |  |  | 2,00 |  |
| Light points (nos.) | 10,000 | 2,000 | 2,500 | 3,000 | 0 | 500 |
|  | 50 | 10 | 15 | 20 | 10 | 5 |
| Direct wages |  |  |  |  | 1,50 |  |
| Horse power of machines | 10,000 | 3,000 | 2,000 | 3,000 | 0 | 500 |
|  | 150 | 60 | 30 | 50 | 10 |  |
| Value of machinery | $2,50,00$ | 60,00 | 80,00 | $1,00,00$ | 5,00 | 5,00 |
| Apportion the cost to various departments on | 0 | 0 | 0 | 0 | 0 | 0 |

## Sum no 3

Radha enterprises has three production departments
$A, B$ and $C$ and one service department $S$.
The following fighures are available for one month of
25 working days of 8 hours each day
All departments worked all these days with full
attendance.

| Particulars | total | S | A | B | C |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Power and Lighting | 1,100 | 300 | 200 | 250 | 350 |
| Supervisor salary | 1,500 | Nil | Nil | Nil | Nil |
| Rent | 600 | Nil | Nil | Nil | Nil |
| Canteen expenses | 500 | Nil | Nil | Nil | Nil |
| Others | 1,100 | 140 | 210 | 470 | 280 |
| The following additional information is available: |  |  |  |  |  |
| Particulars | S | A | B | C |  |
| Supervisor salary | $20 \%$ | $20 \%$ | $30 \%$ | $30 \%$ |  |
| Floor area in sq ft | 400 | 350 | 450 | 300 |  |
| Number of workers | 10 | 15 | 15 | 10 |  |
|  |  |  |  |  |  |

## Sum no 4

Calcuate the comprehensive machine hour from the following
Cost of machine Rs. 45,000
Installation charges Rs. 5,000
Life of machine 5 years
Working hours per year 2,500
Repair chargse 75 \% of depreciation
Electric power consumed 10 units per hour @ 15 paise per unit
Lubricant oil Rs. 4 per day of 8 hours
Consumable stores @ Rs. 10 per day of 8 hours
Wages of machine operator @ Rs. 8 per day of 8 hours

## Sum no 5.

Compute a comprehensive machine hour rate for a machine in production department ' A ' of factory
from the following details
Machine:
Cost including installation charges Rs. 20,00,000
Estimated useful life 20 years
Estimated salvage value 10\%
Working hours:
No. of working days 300
No.of shift per day 2
Effective working hours per shift 7
Stoppages for repairs and maintenance 200 hours
Operating and other costs
Wages of two ooperators (one for each shift)@ 5,000 per month
Salary of a supervisor (one for each shift) @ Rs. 7,500 (Only 1/5th of the supervisor time devoted to this machine)
Electric power: 20 units per hour, each unit costing Rs. 3.20
Insurance charges : Rs. 5,000 per annum
Repairs and mainenance (estimated) Rs. 12,500 per month
Rent, rates and taxes (allocated) : Rs. 10,000 per annum
General lighting etc (allocated) Rs. 750 per nonth
Other facoty overheads (allocated ) rs. 1,40,000 per annum

## Cost sheet \& Reconciliation

## Sum no 1

The Management of a manufacturing concern has approached the costing department to find out the cost of 6,000 untis.
The cost analysis of 4,000 units gives the following results
Materials 90,000
.Labour 50,000
Direct expenses 1,000
Factory overheads 2,000
Administrative overheads 1,600
selling and distribution overheads 800
The further details in connection are as follows:
An increase of $10 \%$ expected in the cost of rawmaterials and $5 \%$ in cost of labour
$70 \%$ of factory overheads are fixed and $30 \%$ are variable
the ratio of fixed and varibale part of administrative overheads is 60:40
$50 \%$ of selling and distribution overheads is fixed and balance variable
The management desirest o charge $25 \%$ profit on sales
Prepare cost sheet with maximum break up cost and ascertain selling price for the production of 6,000 units

## Sum no 2

The trading Profit and loss account of Vijaya Manufacturing
concern for the year ending 31-12-2019 are as follows:

| Trading Profit and loss A/c |  |  |  |
| :---: | :---: | :---: | :---: |
| Particulars | Amoun <br> t | Particular s | Amoun t |
| To Raw materials purchased | 80,000 | By Sales <br> ( 2500 <br> units) | $\begin{array}{r} 2,50,00 \\ 0 \end{array}$ |
| To direct wages | 30,000 | By Closing stock of RM | 5,000 |
| To direct expense | 25,000 |  |  |
| To factory expenses | 40,000 |  |  |
| To gross profit c/d | 80,000 |  |  |
| Total | $\begin{array}{r} 2,55,00 \\ 0 \\ \hline \end{array}$ | Total | $\begin{array}{r} 2,55,00 \\ 0 \\ \hline \end{array}$ |
| To office salaries | 25,000 | By Gross profit b/d | 80,000 |
| To office rent | 12,000 | By Dividend received | 10,000 |
| To selling expenses | 12,500 | By <br> Discount | 7,500 |


|  |  | received |  |
| :--- | ---: | :--- | :--- |
| To preliminary exp written off | $\mathbf{2 , 5 0 0}$ |  |  |
| To goodwill written off | 5,500 |  |  |
| To net profit c/d | 40,000 |  |  |
| Total | $\mathbf{9 7 , 5 0 0}$ | Total | $\mathbf{9 7 , 5 0 0}$ |

For the year 2020 it is estimated at
1.Units produced and sold will rise by $20 \%$
2. price of raw material per unit will rise by $10 \%$
3.direct wages per unit will increase by $25 \%$
4.direct expenses will increase by RS. 5,000
5.factory expenses per unti will increase by $25 \%$
6.the office premises which was on rental basis in 2019 would be purchased by the company on which depreciation would be RS.
6,000 in 2020
7.selling expenses per unit will remain the same
8.you are required to preapre a statement showing estimated cost and profit for the year ended 31st December 2020 considering the company shall charge a profit at $20 \%$ on sales

## Sum no 3

From the following information prepare cost statement for the year ended 31st March 2019.

| Particulars | Amount |
| :--- | ---: |
| Opening stock : Raw materials | 20,000 |
| Opening stock finished goods | 30,000 |
| Purchases of raw materials | $15,00,000$ |
| Direct wages | $12,00,000$ |
| Power | 99,500 |
| Carriage inward | 20,000 |
| cost of a special design | 50,000 |
| custom duty | 60,000 |
| rent and rates - office | 50,000 |
| rent and rates - factory | 70,000 |
| telephone expenses | 30,000 |
| advertisement | 75,000 |
| electricity - office | 15,000 |
| electricity - factory | 30,000 |
| machinery lost in fire | $1,00,000$ |
| depreciation on plant | 80,000 |
| depreciaiton on delivery van | 20,000 |
| income tax | $1,20,000$ |
| salaries | $2,50,000$ |
| donations | 70,000 |
| establishment expenses | $1,00,000$ |
| rent of showroom | 65,000 |
| interest on loan | 45,000 |


| sale of factory scrap | 7,500 |
| :--- | ---: |
| dividend received | 17,500 |
| director fees | 60,000 |
|  |  |
| mailing charges of sales literature | 10,000 |
| closing stock of raw materials | $1,85,000$ |
| closign stock of finished goods | 30,000 |

Other information :

1. $60 \%$ of telephone expenses relate to office and balance to sales department.
2. salaries are allocated to the factory, office and sales department in the ratio of 1:2:1
3. establishement expenses are to be apportioned equally between office and sales department
4. sales are made to earn profit @ 20\% on selling price

## Sum no 4

Given below is the trading account and profit and loss account of Vikas electronics for the accounting year 31.03.2014

| Particulars | Amount | Particulars | Amount |
| :--- | ---: | :--- | ---: |
|  | $3,00,00$ | By sales (2,50,000 | $\mathbf{7 , 5 0 , 0 0}$ |
| To Materials consumed | 0 | units) | 0 |
|  | $2,00,00$ |  |  |
| To Direct wages | 0 |  |  |
|  | $1,20,00$ |  |  |
| To Factory expenses | 0 |  |  |
| To office expenses | 40,000 |  | $\mathbf{7 , 5 0 , 0 0}$ |
| To selling expenses | 80,000 |  | $\mathbf{0}$ |
| To Net profit | 10,000 |  |  |
|  | $\mathbf{7 , 5 0 , 0 0}$ |  |  |
| Total | $\mathbf{0}$ | Total |  |
| Normal output of the factory is 2,00,000 untis <br> Factory overhead is fixed upto 60,000 and office <br> overheads is fixed. <br> Selling and distribution overhead are fixed to the extend <br> of rS. 50,000 the rest are variable. <br> Calculate fixed cost on prorata basis <br> Prepare cost sheet and reconcilaiton statement. |  |  |  |

Sum no 5
From the following prepare a statement of reconciliationn and find out profit or losses as per financial records
Particulars $\quad$ Amount

| Net loss as per cost records | $1,72,400$ |
| :--- | ---: |
| work overhead underrecovered in <br> costing | 3,120 |
| administrative overehads over <br> recovered in costing | 1,700 |
| depreciation in financial account | 11,200 |
| depreciation in cost account | 12,500 |
| Interest received | 8,750 |
| Obsolescence loss in financial <br> accounts | 5,700 |
| provision for income tax | 40,300 |
| opening stock: | 52,600 |
| Financial accounting | 54,000 |
| cost accounting | 52,000 |
| closing stock: | 49,600 |
| Financial accounting | 6,000 |
| cost accounting | 950 |
| intrest charged in cost account <br> only |  |
| Preliminary expenses written off |  |

## Sum no 6

From the following particulars prepare reconciliation statement ascertain costing profit and loss

1. Net profit as per financial statement is Rs. 50,000
2. opening stock was overvalued by Rs. 2,000 in cost account as compared to financial accounts
3. Administative overheads charged in financial accounts is Rs. 20,000 but recovered in cost Rs.

40,000
4. Income tax provision RS. 1,200
5. Notional salary of propreitor in cost Rs. 20,000.
6. Interest received Rs. 12,000.
7. Closing stock as per financial book Rs. 16,200 whereas in cost book it was Rs. 19,000

## Sum no 7

Following is the profit and loss account, as per Financial records of $\mathrm{M} / \mathrm{s}$ Tirupati Traders for the year ended 31 ${ }^{\text {st }}$ March 2014

| Particulars | Amount | Particulars | Amount |
| :--- | :--- | :--- | :--- |
| To Opening stock (finished - |  | By Sales(90,000 units) | $11,70,000$ |
| 6,000 units) | 59,760 | By Closing stock |  |
| To Raw Materials consumed | $5,19,400$ | Finished goods(4,500 units) | 52,776 |
| To Carriage inwards | 5,100 | By Bank interest | 410 |
| To Direct wages | 72,872 | By Dividend | 6,900 |
| To salesman commission | 38,520 |  |  |
| To Office salaries | 25,368 |  |  |
| To Motor car expenses | 18,384 |  |  |


| TO Advertisement | 61,920 |  |  |
| :---: | :---: | :---: | :---: |
| To directors remuneration |  |  |  |
| Office | 12,000 |  |  |
| Work | 12,000 |  |  |
| Sales | 14,440 |  |  |
| To Indirect wages | 20,268 |  |  |
| To Plant depreciation | 11,472 |  |  |
| To Workmen compensation reserve | 13,275 |  |  |
| To Office rent | 6,900 |  |  |
| To After sales service expenses | 4,476 |  |  |
| To Interest | 6,000 |  |  |
| To Showroom rent | 9,000 |  |  |
| To Carriage outward | 6,240 |  |  |
| TO Dep on delivery van | 5,040 |  |  |
| To Factory fuel | 4,248 |  |  |
| To Packing \& Forwarding | 3,270 |  |  |
| To Misc. Factory exp | 3,270 |  |  |
| To Preliminary exp w/off | 4,200 |  |  |
| To Audit fees | 2,520 |  |  |
| To General office expenses | 1,500 |  |  |
| To Factory rent | 18,720 |  |  |
| To Loss on sale of investment | 4,017 |  |  |
| To Insurance |  |  |  |
| - Office | 300 |  |  |
| - Sales | 720 |  |  |
| - Factory | 1,800 |  |  |
| To Printing \& Stationery | 720 |  |  |
| To Depreciation on |  |  |  |
| - Factory furniture | 600 |  |  |
| - Office furniture | 900 |  |  |
| - Show room furniture | 420 |  |  |
| TO Telephone charges |  |  |  |
| - Office | 129 |  |  |
| - Sales | 627 |  |  |
| To Legal fees | 504 |  |  |
| To Net profit c/d to Balance sheet | 2,59,226 |  |  |
| TOTAL | 12,30,086 | TOTAL | 12,30,086 |

Closing stock in cost accounts is valued at cost of production. However opening stock in cost records is same as financial records

Prepare detailed cost statement showing total cost (excluding per unit) and profit and reconciliation statement showing reconciliation of profits.

## Class: TYBCOM

## Sub: Cost Account - Assignment semester VI

## Cost Control

Sum no 1.
Midland Engineering Co's cost ledger indicates the
following opening balance as on 1.1.2014

| Particulars | Amount |  |
| :--- | :--- | ---: |
| General ledger adjustment account / Cost control <br> a/c(CREdit balance) |  | 30,000 |
| Debit balances |  | 16,000 |
| Stores ledger control accoount | 8,000 |  |
| Work in progress account | 4,000 |  |
| Finished goods ledger account |  |  |

At the year end the following information is obtained

| Particulars | Amount |
| :--- | ---: |
| Purchase for stores | $1,10,000$ |
| Purchase for special jobs | 3,000 |
| Direct wages | 50,000 |
| Indirect factory wages | 25,000 |
| Administration salaries | 10,000 |
| Sellibg and distribution salaries | 10,000 |
| Production expenses | 20,000 |
| Administration expenses | 50,000 |
| Selling and distribution expenses | 10,000 |
| Stores issued to production | $1,00,000$ |
| Stores issued to maintainence | 5,000 |
| Returns to supplier | 500 |
| Produciton overheads absorbed by production | 50,000 |
| Administrative overheads absorbed by finished <br> goods | 20,000 |
| Selling and distribution overheads recovered on <br> sales | 10,000 |
| Products finished during the year | $1,50,000$ |
| Finished goods sold at cost | $2,00,000$ |
| Sales | $3,00,000$ |

Sum no 2.

| A Ltd follows non integrated system of accounting. Following is the trial balance as on |  |
| :--- | :---: |
| 1.1 .2014 | $5,00,000$ |
| Stores ledger control account |  |


| Work in progress control account | $4,00,000$ |
| :--- | ---: |
| Finished goods control account | $7,00,000$ |
| Cost ledger control account | $16,00,000$ |
| Following were the transactions during the month of January | $15,00,000$ |
| Material purchases | $6,00,000$ |
| Material issued to production | 80,000 |
| Material issued to factory | 20,000 |
| Material issued to office | $6,00,000$ |
| Total wages paid | $5,00,000$ |
| Direct wages charged to production | $1,00,000$ |
| Indirect wages | 60,000 |
| Office overheads paid | 76,000 |
| Office overheads applied to finished goods | 60,000 |
| Selling and distribuiton incureed | 62,000 |
| Selling and distribuion applied to cost of sales | $16,00,000$ |
| Factory overheads charged to prodcution "35\% of direct wages | $20,00,000$ |
| Finished goods produced | $24,00,000$ |
| Cost of finished goods sold |  |
| Sales |  |
| Prepare Store ledger control account, cost control account, work in progress account <br> finished goods control account |  |
| Factory overhead control account office overhead control account selling and distribution <br> overhead control account |  |
| Profit and loss account |  |

## Process Costing

Jai Ltd provides you the following
information about their processes for
the year ended 31st March 2014.

| Particualrs | A | b | c |
| :--- | ---: | ---: | ---: |
| No. of units introduced | 15,000 | 4,600 | 4,000 |
| Rate per unit of units introduced | 40 | 48 | 55 |
| Output during the year (units) | 14,000 | 12,000 | 8,800 |
| Output transferred to next <br> process(\%) | $60 \%$ | $50 \%$ | Nil |
| Output sold and end of the process <br> (\%) | $40 \%$ |  | $50 \%$ |


| Scrap value per unit (RS.) | 15 | 35 | 55 |
| :--- | ---: | ---: | ---: |
| Direct wages (RS) | $3,60,000$ | $3,20,000$ | $2,87,000$ |
| Direct expenses | $.40 \%$ of DW | $1,28,720$ | $50 \%$ ofDW |
| Factory overheads | $1,18,500$ | $35 \%$ of DW | 94,500 |
| Selling price per unti fo output sold | 92 | 120 | 165 |

Prepare process accounts

## Sum no 2

A prodcut passes through three process $\mathrm{X} Y$ and $Z$
15,000 units @ Rs. 10 per unti were issued to process $X$ and following details are available

| Particulars | X |
| :--- | :--- |
| Direct labour |  |
| Direct expenses |  |
| Wastages (\% of input) |  |
| Sale price per unit of wastages (RS. ) |  |

The overheads were charged to the process @ 100\% of direct labour of the respective process
The final prodcut was sold at Rs. 20 per unit
There is no stock either at the beginning or at the end
Prepare Process X Y and $Z$ account

Sum no 3
Unique Ltd provides you the following
information for the month of March 2014
about its process $X, Y$ and $Z$

| Particualrs | X | Y | Z |
| :--- | ---: | ---: | ---: |
| Basic raw materials introduced (units) | 10,000 | 2,800 | 5,600 |
| Cost of raw materials per unit | 24 | 28 | 32 |
| Labour charges | $3,43,500$ | $2,93,700$ | $2,44,800$ |
| Sundry materials | $1,55,700$ | $1,00,160$ | 89,480 |
| Factory overheads | $40 \%$ of basic RM | $40 \%$ of Labour | $40 \%$ of Labour |
| Normal loss |  |  |  |
| (\% on total no. of units input) | $3 \%$ | $5 \%$ | $7 \%$ |
| Scrap value per unit(RS) | 12 | 15 | 21 |
| Output transferred to next process (\%) | $70 \%$ | $60 \%$ |  |
| Output sold at the end of process(\%) | $30 \%$ | $40 \%$ | $100 \%$ |
| Selling price per unit of output sold (RS) | Rs. 65 |  | Rs. 88 |

Prepare process accounts

## Contract Costing

Sum no 1.
$\mathrm{M} / \mathrm{s} A B$ \& Associates a partnership
firm comprising of partners $A \& B$ undertook a contract to build a
bridge for Rs. 20,00,000
and commenced the work on
1.10.2013

The following is the trial balance of
firm as on 30.9.2014

| Particulars | Amount | Particulars | Amount |
| :--- | ---: | :--- | ---: |
| Plant and machinery | $2,50,000$ | Capital |  |
| Office buildings | $3,00,000$ | A | $1,20,000$ |
| Material purchased | $4,20,000$ | B | 80,000 |
| Wages | $1,40,000$ | Advanced from contractee | $6,00,000$ |
| Sub contract charges | 80,000 | Bank overdraft | $1,40,000$ |
| Interest | 10,000 | Outstanding wages | 10,000 |
| Office overheads | 50,000 | creditors | $\mathbf{1 , 5 0 , 0 0 0}$ |
|  |  | Loans | $\mathbf{1 , 5 0 , 0 0 0}$ |
| TOTAL | $\mathbf{1 2 , 5 0 , 0 0 0}$ | TOTAL | $\mathbf{1 2 , 5 0 , 0 0 0}$ |

Additional information :

1. Materials worth Rs. 4,00,000 were sent to site
2. Outstanding sub contract charges

Rs. 20,000 at the year end
3. Allocate $50 \%$ of office overheads and $100 \%$ wages to contract
4. Plant and machinery were used for the whole year on cotnract and provide depreciation @10\%p.a. 5. Partner A was entitled to salary of Rs. 20,000 for site supervision for the year. Provide the same in account 6. Contractee pays $75 \%$ of work certified
7. Partner $A$ \& $B$ share profit and loss in the ratio of $6: 4$ respectively
8. At the end of the eyar, work uncertified valued at Rs. 10,000 and materials at site Rs. 20,000 Prepare contract account, Profit and loss account, for the year ended 30.9.2014 and balance sheet as on that date

Sum no 2

A company took up a contract for Rs. 10 crores and as per the agreement, it would receive $75 \%$ of the work certified each year.
The contract was commenced on 1st April 2010 and completed on 1st Octorber 2013. Further details as follows:

| Particualrs | $\mathbf{2 0 1 0 - 1 1}$ | $\mathbf{2 0 1 1 - 1 2}$ | $\mathbf{2 0 1 2 - 1 3}$ | $\mathbf{2 0 1 3 - 1 4}$ |
| :--- | ---: | ---: | ---: | ---: |
| Machinery purchased | $50,00,000$ |  |  |  |
| Materials purchased | $20,00,000$ | $50,00,000$ | $1,00,00,000$ | $2,00,00,000$ |
| Labour | $10,00,000$ | $30,00,000$ | $50,00,000$ | $1,40,00,000$ |
| Other expenses | $5,00,000$ | $12,18,000$ | $40,00,000$ | $90,00,000$ |
| Stock of the materials at year end | $1,00,000$ | $2,00,000$ | $3,20,000$ | $5,50,000$ |
| Work certified (Cumulative) | $20,00,000$ | $2,00,00,000$ | $5,00,00,000$ | $10,00,00,000$ |
| Work uncertified | $8,00,000$ | $10,00,000$ | $60,00,000$ |  |

During 2010-2011 material costing Rs. 20,000 were returned to stores
During 2012-2013 certain materials costing Rs. 30,000 were found unsuitable and sold at a loss of Rs. 4,000
Materials worth Rs. 8,000 were stolen from site
During 2013-2014 there was an accident at site dute to which a worker had to be paid Rs. 50,000 as compensation.
This amount is included in wages
On completion of contract the machinery was sold for Rs. 25,00,000
The company provides depreciation at $20 \%$ p.a. on Machinery on diminishing balance method. The company closes its accoutn on
31st March every year
Prepare contract account for each of the above years. Also show contactee's Account

## Sum no 3

mohan construction Pvt Ltd obtained two contracts Angel and Paradise.
Contract Angel commenced on 1st October 2013 and contract Paradise started
on 1st December 2013. Followoing
information are extracted from their books for the period ended 31st March 2014.

| Particulars | Angel | Paradise |
| :--- | ---: | ---: |
| Contract price | $70,00,000$ | $60,00,000$ |
| Cash received | $14,00,000$ | $7,65,000$ |
| Plant issued at commencement | $22,50,000$ | $12,00,000$ |
| Wrok certified | $17,50,000$ | $9,00,000$ |
| Work uncertified | 52,000 | 28,000 |
| Direct wages3 | $2,95,000$ | $1,77,500$ |
| Direct expenses | $1,36,500$ | 88,700 |
| Supervision charges | 27,500 | 22,500 |
| Administrative overheads | $2,72,500$ | $1,47,500$ |
| Sub - contract charges | 63,700 | 44,200 |
| Electricity charges | 48,800 | 28,600 |
| Architect fees | 52,000 | 27,000 |
| Indirect mateirls | $1,47,000$ | 89,800 |
| Direct materials | $3,58,000$ | $1,97,200$ |


| Direct material returned to stores | 14,000 | 12,000 |
| :--- | ---: | ---: |
| Direct material at site at the end of period | 73,000 | 42,000 |

## Other information :

1. On 15th December 2013 Driect material costing Rs. 22,000 have been transferred to contract paradise from contract Angel
2. On 21st February 2014 Indirect material costing Rs. 15,000 have been transferred from contract paradise to contract Angel
3. Provide depreciation @20\% p.a. on original cost of the plant You are required to prepare contract Angel accoutn and contract paradise account for the period ended 31st March 2014

## Sum no 4

Parag construction pvt. Ltd provides you the following information:
The project commenced on 1st May 2013 and it was estimated to be completed by 31st January 2015.
The actual contract price was fixed at Rs 2,70,00,000
The actual expenditure upto 31st March 2014 and subsequent additianl estimated expenses upto 31st
January, 2015 furnished as under:

| Particualrs | Actual | Estimated |
| :---: | :---: | :---: |
| Work certified (cumulative) | 1,62,00,000 | 2,70,00,000 |
| Cash received | 1,29,60,000 | 1,40,40,000 |
| Work uncertified | 3,85,000 | Nil |
| Direct material | 87,14,500 | 37,92,500 |
| Direct wages. | 17,47,500 | 18,58,500 |
| Direct expenses | 8,44,400 | 4,32,600 |
| Indirect material | 3,25,600 | 2,85,500 |
| Supervision charges | 1,98,500 | 1,65,600 |
| Administrative overheads | 9,47,600 | 8,54,600 |
| Subcontract charges | 1,87,900 | 1,80,200 |
| Materials returned to stores | 75,500 | Nil |
| Architect fees | $3 \%$ of work certified | 3\% of work certified |
| RCC cconsultnat fees | 4\% of work certified | 4\% of work certified |
| Plant issued at commencement | 40,00,000 | Nil |
| Materials at site on 31.3.2014 | 1,39,500 | Nil |

Other information:

1. The estimated value of the issued plant a the end of the project is to be Rs. 5,35,000
2. Material costing rs. 15,000 was sold for Rs. 12,000 in March 2014
3. It was decided that the profit to be taken credit for should be that proportion of he estimated
net profit to be realised on completion of the contract which the certified value of work as on 31st March
2014 bears to the total contract price.
Prepare contract account for the period ended 31st March 2014 and show your calculation of profit to be credited
to profit and loss account for the period ended 31st March 2014

## Sum no 5

the Jai hind construction company undertook the construction of the building at a contact price of Rs. 2,00,00,000
The date of commencement of contract was 1st May 2013.

1. Direct materials sent to the site $-5,000$ tons @ Rs. 1.5 per kg
2. Indirect materials Rs. 6,50,000
3. Direct labour - 12,000 Mandays @ Rs. 180 per manday
4. Indirect labour charged at $7.5 \%$ of direct labour
5. Sub contract charges charged at $15 \%$ of indirect materials
6. Direct materials returned to stores 20 tons
7. Direct materials lost in accident 5 tons
8. Supervision charges paid rs. 8,000 per month
9. Administrative expenses incurred Rs. 12,000 per month
10. Architect fees charged at $2 \%$ of work certified
11. Plant and machinery installed at site on the date of commencement of contract at a cost of Rs. $15,00,000$
which is to be depreciated @ 12\%p.a. under original cost method.
12. cash received from contractee Rs. 1,26,00,000 which is equal to $90 \%$ of work certified
13. Direct materials at site as on 31st March 2014-15 tons
14. Cost of work done but not certified was RS. 2,04,500 on 31 st March 2014

You are required to prepar contract account for the period ended 31st March 2014 in the books of Jai Hind Construction company
and show what profit or loss should be taken in to accoutn for the period ended 31st March 2014.

## Marginal Costing

## Sum no 1

The following data has been extracted from the books of Alpha Ltd

| Year | Sales | Profit |
| :---: | :--- | ---: |
| $\mathbf{2 0 1 2}$ | $10,00,000$ | $1,00,000$ |
| $\mathbf{2 0 1 3}$ | $15,00,000$ | $2,00,000$ |

You are required to calculate P/V
ratio, Fixed cost, Break even
sales, Profit on sales of RS.
8,00,000
Sales to earn a profit of RS.
2,50,000

## Sum no 2

KT \& CO. has prepared the following budget estimates for the year 2012-2013
Sales 30,000 units Sales value Rs. 3,00,000
Fixed expenses 68,000 Variable cost per unit Rs. 6
Your are required to find $P / V$ ratio, BEP, MOS
Also calculate reveised profit volume ratio, break even point and margin of safety if selling price per unit is reduced by $10 \%$

Sum no 3
The sales turnover and profit of M/s Amit LTd during the two year are as follows

| Year | Sales | Profit |
| :--- | :--- | :--- |
| 2019 | $4,50,000$ | 60,000 |
| 2020 | $5,10,000$ | 75,000 |

Calculate : P/V ratio, BEP Sales, Sales required to earn a profit of RS. 1,20,000 The profit made when sales are RS. 7,50,000

Sum no 4
You are given the following information :
Selling price per unit Rs. 40
Variable cost per unti - Rs. 30
Fixed cost RS. 1,80,000
Calculate: -
Profit volume ratio
The BEP sales in rupees and
units
Profit at sales of RS. 9,60,000
Margin of safety
Sales at a profit of Rs. 90,000

## Standard Costing

Sum no 1

Calculate material variances

| Name of the material | Standard |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
|  | Qty |  | Pctual |  |
| A | 3500 | 10 | 3700 | Price |
| B | 1500 | 21 | 1650 | 20 |
| C | 1000 | 33 | 1250 | 36 |

## Sum no 2

Calculate all Labour variances
The standard labour hours and rate of payment per article A are as follows:

| Particulars | Hours | Rate <br> per <br> hour |
| :--- | ---: | ---: |
| Skilled labour | 10 | 3 |
| Semi skilled labour | 8 | 1.5 |
| Unskilled labour | 15 | 1 |

The actual production was 1,000 articles of A for which the actual hours worked and rates are given as follows :

| Particulars | Hours | Rate <br> per <br> hour |
| :--- | ---: | ---: |
| Skilled labour | 9,000 | 4 |
| Semi skilled labour | 8,400 | 1.5 |
| Unskilled labour | 20,000 | 0.9 |

## Sum no 3

Calculate material and labour variances from the following data :

For 10 units of product A the standard data are :
Material 50 kg @ Rs. 25 per kg
Labour 200 hours @ RS . 2.5 per hour

## Actual data

Actual production-1500 units
Material 7840 kg @ Rs. 27
Labour 19800 hours @ 2.6 per hour

Calculate all material and labour variances


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## ADDITIONAL ASSIGNMENT

2016-17

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Additional Assignment 2016-17

| SR NO | Roll No. | Student Name | Assignment |
| :---: | :---: | :---: | :---: |
| 1 | BF16001 | ACHARY HARIKARAN KRISHNAN | Scramitte |
| 2 | BF16003 | AMBADE SONIYA PRADEEP | Submitted |
| 3 | BF16004 | BAGADIYA HONEY JAYESH |  |
| 4 | BF16005 | BAGATE MONIKA UTTAM | Submitted |
| 5 | BF16012 | DEO SIDDHI NITIN | submutfad |
| 6 | BF16013 | DESHMUKH VARSHA AJIT | Submitted |
| 7 | BF16014 | DEVADIGA TEJASWI JAYANT | Subritteel |
| 8 | BF16017 | GHAG PRITESH PRAVIN | submittad |
| 9 | BF16019 | GUPTA RAHUL SHAMBHU | - |
| 10 | BF16020 | KRISHNAYYA VYANKATAYYA HARIJAN |  |
| 11 | BF16022 | IYER KRUPA NAGASUNDARAM | Sumbitted |
| 12 | BF16023 | JADYAL SIDDHI ANIL | subanitted |
| 13 | BF16024 | JAISWAL ANKITA ASHOK | submittee |
| 14 | BF16026 | VIBHA UMASHANKAR KANNAUJIYA | - |
| -15 | BF16027 | KAVILVALAPPIL VARSHA VENU | Subumitted |
| -16 | BF16028 | ZHAKEMADAM SARASWATHY ANANTHARAM |  |
| - 17 | BF16029 | KORPE PRANALI HARIDAS | Scebinitted |
| -18 | BF16037 | MOOLYA DEEPIKA KRISHNA | submitted |
| - 19 | BF16039 | NADAR CYNTHIA ANTHONYRAJ | Subnitted |
| - 20 | BF16040 | NAIK DEEPIKA RAVINDRA | Sobmittad |
| $\cdots 21$ | BF16043 | NIKAM PRAJKTA ANIL | Scebmitted |
| $\begin{array}{r} \\ \hline\end{array}$ | BF16044 | PADWAL RUCHITA SANDEEP | Suhmittal |
| - 23 | BFI6045 | PANDEY RACHANA OMPRAKASH | Qumuitted |
| - 24 | BF16046 | PANJANI KARAN VIJAY | - |
| $\cdots$ | BF16052 | PAWAR NEHA CHANDRAKANT | Cumbitted |
| - 26 | BF16053 | POOJARY KAVITHA NARAYAN | Sehanithed |
| - 27 | BF16055 | RAI RUCHITA ASHOK | Sebriatic |
| - 228 | BF16058 | SINGH JYOTI RAMKARAN | sobmittad |
| - 29 | BF16059 | SINGH RAGINI JAIPRAKASH | cubmitted |
| - 30 | BF16060 | SINGH SNEHA CHANDRASHEKHAR | suhnittad |
| -31 | BF16067 | YADAV ANITA RAMKRISHNA | Sehmittad |
| $\cdots 32$ | BF16071 | KAMMALAR MURUGAN ESHWARAMOORTHI | $\longrightarrow$ |
| - 33 | BF16072 | PARMAR RAVINA MOHANLAL | Submitted. |

Ranjana Mhalgl Convenor B \& I Dept.

## Dr Padmaja Arvind

 PrincipalPRINCIPAL
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## ADDITIONAL ASSIGNMENT

2017-18

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Additional Assignment 2017-18



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## 1 <br> Dr Padmaja Arvind <br> Principal

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2018-19

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Additional Assignment 2018-19


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Convenor B \& I Dept.

Dr Padmaja Arvind
Principal

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2019-20

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## Ranjana Mhalgi

 Convenor B \& J Dept.Dr Padmaja Arvind Principal

PRINCIPAL
The $C^{\prime}$.
JME: . .

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## sUbJECT $\quad$ Financial Accounting I- Additional Assignment

| Q.N |  |  |  |
| :---: | :---: | :---: | :---: |
| 1 |  | Journalize the following transactions in the books of Shri Ram and also prepare |  |
|  |  | necessary ledger accounts. |  |
|  |  | 2019 April |  |
|  | 01 | Shri Ram started business with cash Rs 1,00,000 |  |
|  | 02 | Purchased goods from Rajnish Rs 25,000 on credit |  |
|  | 05 | Deposited cash into Bank of Baroda Rs 30,000 |  |
|  | 09 | Sold goods to Aviraj Rs 20,000 on credit |  |
|  | 11 | Purchased furniture of Rs 10,000 for cash |  |
|  | 14 | Paid to Rajnish by cheque of Bank of Baroda Rs 10,000 |  |
|  | 18 | Received a bearer cheque for Rs 15,000 from Aviraj |  |
|  | 30 | Paid salary by cheques Rs 4,000 |  |
| 2 | a | State whether the following are Capital ,Revenue or Deferred Revenue Expenditure and give reasons |  |
|  | 1 | Purchased Machinery for production |  |
|  | 2 | Purchased Typewriter for resale |  |
|  | 3 | Heavy advertisement expenses |  |







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# ADDITIONAL ASSIGNMENT 

## BMS

## 2016-17

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DEPARTMENT OF MANAGEMENT STUDIES

## LIST OF ADVANCE LEARNER 2016-2017




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# ADDITIONAL ASSIGNMENT 

## BMS

2017-18

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DEPARTMENT OF MANA(iEMENT STUDIES LIST OF ADVANCE LEARNER 2017-2018


| 39 | MF17102 | BHANUSHALH AMAN NILESHBHAI |  |
| :---: | :---: | :---: | :---: |
| 40 | MF17104 | EINO ROHITKUMAR KUMARCHAND | Jorn $\pi$ \% |
| 11 | MF17111 | GAMPA SUREKHA RAMU | is. tariti ! |
| 42 | MF17118 | MADAV ARVIND SANIAV | lm.tI |
| 6\% | MF17139 | PAIAN MFGHANA SANIEFVA |  |
| 41 | MF17141 | RAMDAS SAKSHII BHASKAR | دreste 0 |
| 45 | MF17148 | SAHIASRABUDDHEY NEEL VILAS | Nu mithet |



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# ADDITIONAL ASSIGNMENT 

## BMS

## 2018-19

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## DEPARTMENT OF MANAGEMENT STUDIES

LIST OF ADVANCED LEARNERS 2018-19

| Aad.anıal |  |  |  |
| :---: | :---: | :---: | :---: |
| Sr. No. | . Roll No. | Name |  |
| 1 | MF18045 | POOLABY VARSHA PAVI | S.. tma J. d |
| 2 | MF18012 | CABPaL Shergl allwy | Subrilt, |
| 3 | MF18063 | THAKKER KARISHMA UDAVKUMAR | S. braillis |
| 4 | MF18044 | pllais sapas wati murugan | Suburautso |
| 5 | MF18055 | SHETTIGAR CHAITALI CHANDRASHEKAR | curoits 3 |
| 6 | MF18053 | SHAIKH SHABANA RAHIM | Sumeroitat |
| 7 | MF18057 | SHINDE NEHA SAMPAT | Subarnsto |
| 8 | MF18059 | SINGH PRIVA GYAN | Se.jomilted |
| 9 | MF18011 | BOHAT DIVYA AZAD | S.1. minta |
| 10 | MF18101 | BHAT NANDAKISHOR NARASIMHA | Se, burnily |
| 11 | MF18056 | YADAV SNEHA LAXMISHANKAR | Cularnibs, |
| 12 | MF18035 | NADAR SWETHA JAYASEELAN | Srumitred |
| 13 | MF18048 | RATHOD RAHUL MOTIRAM |  |
| 14 | MF18030 | MHATRE SRUSHTI NARENDRA | Suborilter |
| 15 | MF18018 | DUBEY SUCHITA HARENDRA | Submits |
| 16 | MF18136 | POTDAR ADITYA KIRAN | Suborilea |
| 17 | MF18005 | CHITRA VELLADURAI | Subomita |
| 18 | MF18050 | SAMPAT JUGAL PARESH |  |
| 19 | MF18031 | MUDALYAR MAGHASHREE KADIRVELU | cumber |
| 20 | MF18029 | MAYEKAR CHAITRA SACHIN | Snomithed |
| 21 | MF18056 | SHETTY RAMYA SHANKAR |  |
| 22 | MF18133 | PATEL SHUBHAM SHIVDHARI | Subomilter |
| 23 | MF18127 | NAGDA HARSH RATILAL | Subumuta |
| 24 | MF18111 | GAUD RAHUL RAJENDRA | Subrmiltsa |
| 25 | MF18040 | NALAWADE KRUTTIKA SUDHIR | Subrailed |
| 26 | MF18058 | SHRIVAS AANCHAL SURENDRA | Sumilts |
| 27 | MF18062 | SONAWANE SONAL SAVALARAM | Sulmiltd |
| 28 | MF18041 | PADGAONKAR DHANASHREE SHRIRANG | Sulamittod |
| 29 | MF18032 | MULYA KAVYA SADANAND | Subrsiltad |
| 30 | MF18026 | KULKARNI KAUSHIKI JAYANT |  |
| 31 | MF18009 | BHEDA NIKKI ROHIT | Submilted |
| 32 | MF18051 | SATRA PARTH HIREN | Subm ${ }_{\text {Ld }}$ |
| 33 | MF18013 | CHORGE AKSHATA SHASHIKANT | Sulomitht |
| 34 | MF19027 | MANUREKAR SHUBHAM GANPAT | Sibmilted |
| 35 | MF18017 | DHAMANKAR MIHIR MAHENDRA | Sidumity |
| 36 | MF18043 | PHADKE ADWAIT ABHAY | Sutmild |
| 37 | MF18158 | SAHU SUMAN SHANKAR | sulumitta |

The S.I.A. College of Higher Education DOMBIVLI (E)


The South Indian Association's
The S.I.A. College of Higher Education
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Accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road,
Near Balaji Mandir, Dombivli (East), 421203.

# ADDITIONAL ASSIGNMENT 

## BMS

The South Indian Association's The S.I.A. College of Higher Education Affiliated to University of Mumbai Accredited B+ by NAAC

## DEPARTMENT OF MANAGEMENT STUDIES

## LIST OF ADVANCE LEARNER 2019-2020

Additional Assignment List

| SR NO | Roll No. | Student Name |  |
| :---: | :---: | :---: | :---: |
| 1 | MF19001 | AUTI SHARADDHA MAHENDRA | Selomitod |
| 2 | MF19002 | BEHERE VAIBHAVI PRASAD | suenitued |
| 3 | MF19003 | BHANDARI NEERAJ RAMSINGH | Sutmited |
| 4 | MF19004 | BHOIR BHARATI DNYANESHWAR | Sulumilt |
| 5 | MF19005 | BUDKULEY JUGAL KARTIK | Submitat |
| 6 | MF19006 | DALVI MANISH ROHIDAS |  |
| 7 | MF19007 | DALVI ROHIT SAROJ | Sulimites |
| 8 | MF19008 | DALVI PRIYANKA AIIT | Cubmilted |
| 9 | MF19009 | DAVE RIDDHI HARSHAD | cubmilto |
| 10 | MF19010 | DEVADIGA VIGNESH MOHAN | Subnilts |
| 11 | MF19011 | DEVARKAR NEHA SHANKAR | submiles |
| 12 | MF19012 | GAIKAWAD MAYURI MAHADEV | Sulumithed |
| 13 | MF19013 | GAWDE SAHIL SHARAD | Sutumited |
| 14 | MF19014 | GUPTA ANJALI SANTOSH | Subnite |
| 15 | MF19015 | GUPTA RAHUL VIJAY | sulmuts |
| 16 | MF19016 | GURUWADA HARSHADA JAGDISHCHANDRA | Submither |
| 17 | MF19017 | IDRISI MAHETABALAM PEERMOHAMMED | Sulmitior |
| 18 | MF19018 | INGLE APOORVA LAXMAN | Sulmile |
| 19 | MF19019 | IYER ISHAN DAKSHI | Sulomittr |
| 20 | MF19020 | JADHAV PURVA DEEPAK | Sulumiled |
| 21 | MF19021 | JADHAV MAYURI SAHADEV | Submits |
| 22 | MF19022 | JADHAV ASHWINI MILIND | Sucmint |
| 23 | MF19023 | JOEL SAI | Submines |
| 24 | MF19024 | JOSHI POOJA NARAYAN | Submitre |
| 25 | MF19025 | KADAM AISHWARYA SAMPAT | Submilk |
| 26 | MF19026 | KALAMBE SEEMA MARUTI | Sulmilt |
| 27 | MF19027 | KANSE TANVI BABAN | Sudmitre |
| 28 | MF19028 | LAGAD VIPUL RAJENDRA |  |
| 29 | MF19029 | MAHARAO SWARANGI SIDDHESH | sulurnins |
| 30 | MF19031 | MHATRE NUPUR LILADHAR | Sulom UT |
| 31 | MF19033 | NANDAN KIRTI RAMESH | Sulo mittr |
| 32 | MF19034 | NISHAD VAISHNAVI SUNIL | Setomitur |
| 33 | MF19035 | OJHA PRIYANKA BASANT | Submin |
| 34 | MF19036 | PALKAR MADHURA MANDAR | Sutmited |
| 35 | MF19037 | PANIGRAHI PRAVINA LINGRAJ | Sutmide |


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| 80 | MF19157 | YEOLE ATHARVA SAIJJAY | 310 |
| :---: | :---: | :---: | :---: |
| 81 | MF19158 | MANE VAISHNAVI RAJENDRA | 1) |
| 82 | MF19159 | SHETTY KARAN DIVAKAR | 15 |



## Convenor



Principal


## PRINCIPAL

The S.I.A. College of Higher Education DOMBIVLI (E)

The South Indian Association's
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P-88, MIDC Residential Area Dombivli Gymkhana Road, Near Balaji Mandir, Dombivli (East), 421203.

## Department of Management Studies

| Class-FYBMS |  | SEMESTER-I |  |
| :---: | :---: | :---: | :---: |
| Q.N |  |  |  |
| 1 |  | Journalize the following transactions in the books of Shri Ram and also prepare |  |
|  |  | necessary ledger accounts. |  |
|  |  | 2019 April |  |
|  | 01 | Shri Ram started business with cash Rs 1,00,000 |  |
|  | 02 | Purchased goods from Rajnish Rs 25,000 on credit |  |
|  | 05 | Deposited cash into Bank of Baroda Rs 30,000 |  |
|  | 09 | Sold goods to Aviraj Rs 20,000 on credit |  |
|  | 11 | Purchased furniture of Rs 10,000 for cash |  |
|  | 14 | Paid to Rajnish by cheque of Bank of Baroda Rs 10,000 |  |
|  | 18 | Received a bearer cheque for Rs 15,000 from Aviraj |  |
|  | 30 | Paid salary by cheques Rs 4,000 |  |
| 2 | a | State whether the following are Capital ,Revenue or Deferred Revenue Expenditure and give reasons |  |
|  | 1 | Purchased Machinery for production |  |
|  | 2 | Purchased Typewriter for resale |  |
|  | 3 | Heavy advertisement expenses |  |
|  | 4 | Wages paid for installation of new machinery |  |







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# Additional Assignments Submission Records 

 B.SC.(IT)2016-17

The South Indian Association's
THE S.I.A. COLLEGE OF HIGHER EDUCATION
Affiliated to University of Mumbai
NAAC Accredited 'B+' Grade
DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS
ACADEMIC YEAR 2016-17
Additional Assignment Submission Record
Subject: imperative programming


The South Indian Association's
THE S.I.A. COLLEGE OF HIGHER EDUCATION
Affiliated to University of Mumbai
NAAC Accredited 'B+' Grade
DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS
ACADEMIC YEAR 2016-17
Additional Assignment Submission Record
Subject: $D M$

| Sr.No | Roll ${ }^{\text {No }}$ | Name of the student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF16002 | CHAUDHARI RAVINA PARESH | Submilted |
| 2 | IF16003 | CHAUHAN DHIRAJ RAMAKANT | - |
| 3 | IF16007 | DESAI PRASAD PRADEEP | Submited |
| 4 | IF16010 | DIXIT ANIKET SURYAPRAKASH | Submitted |
| 5 | IF16013 | GUPTA AMIT VIKRAM | Submitted |
| 6 | IF16014 | GUPTA HARSHAD TRIVENI | - |
| 7 | IF16015 | GUPTA POOJA UDAY |  |
| 8 | IF16016 | JADHAV RAHUL SAGARMAL | Submitted |
| 9 | IF16018 | JHA SHIWANI RAMESHKUMAR | - |
| 10 | IF16020 | KAMPLE UTKARSS SANIAY | - |
| 11 | IF 16021 | KARKERA MONISHA DAMODAR | Snbmitted |
| 12 | IF16023 | KULKARNI VAIDEHI RAGHAVENDRA | - |
| 13 | IF16026 | MANKAR ABHISHEK SAMPAT | - |
| 14 | IF16027 | MANOJKUMAR JEYAKUMAR |  |
| 15 | IF16028 | MEHENDALE NIDHI UDAY | Submitted |
| 16 | IF16033 | NAIR SRUTHI SREEKUMAR | Subintted |
| 17 | IF16035 | NASKAR NIKITA BABLU | Subintled |
| 18 | IF16039 | PATANKAR AMARJA PRADEEP | - |
| 19 | IF16042 | PAWAR POONAM PRAKASH | Submitted |
| 20 | IF16043 | POOJARY PALLAVI SURESH | - |
| 21 | IF16051 | SHETTIGAR MADHUPRIYA SUBHASH | - |
| 22 | IF16056 | SINGH SAMAR LAUHAR |  |
| 23 | IF16057 | SINGH SANGRAM LAUHAR | smit |
| 24 | IF16058 | SONI KIRAN SHANKARLAL |  |
| 25 | IF16062 | WADER SHWETA SHANKAR |  |
| 26 | IF16063 | WAGHELA DIMPLE RAMESH |  |
| 27 | IF16065 | YADAV NEERAJ JEELAJEET |  |
| 28 | IF16067 | YADAV DEEPAKKUMAR BHOLANATH | Submitte |

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## DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS

ACADEMIC YEAR 2016-17
Additional Assignment Submission Record
Subject: Operating system

| Sr.No | Roll No | Name of the student | Submission Status |
| :---: | :---: | :--- | :---: |
| 1 | IF16002 | CHAUDHARI RAVINA PARESH | Submitted |
| 2 | IF16003 | CHAUHAN DHIRAJ RAMAKANT | Submitted |
| 3 | IF16007 | DESAI PRASAD PRADEEP | Submitted |
| 4 | IF16010 | DIXIT ANIKET SURYAPRAKASH | Submitted |
| 5 | IF16013 | GUPTA AMIT VIKRAM | Submitted |
| 6 | IF16014 | GUPTA HARSHAD TRIVENI | Submitted |
| 7 | IF16015 | GUPTA POOJA UDAY | Submitted |
| 8 | IF16016 | JADHAV RAHUL SAGARMAL | No |
| 9 | IF16018 | JHA SHIWANI RAMESHKUMAR | Submitted |
| 10 | IF16020 | KAMBLE UTKARSP SANIAY | Submitted |
| 11 | IF16021 | KARKERA MONISHA DAMODAR | No |
| 12 | IF16023 | KULKARNI VAIDEHI RAGHAVENDRA | Submitted |
| 13 | IF16026 | MANKAR ABHISHEK SAMPAT | Submitted |
| 14 | IF16027 | MANOJKUMAR JEYAKUMAR | Submitted |
| 15 | IF16028 | MEHENDALE NIDHI UDAY | Submitted |
| 16 | IF16033 | NAIR SRUTHI SREEKUMAR | No |
| 17 | IF16035 | NASKAR NIKITA BABLU | Submitted |
| 18 | IF16039 | PATANKAR AMARJA PRADEEP | Submitted |
| 19 | IF16042 | PAWAR POONAM PRAKASH | Submitted |
| 20 | IF16043 | POOJARY PALLAVI SURESH | No |
| 21 | IF16051 | SHETTIGAR MADHUPRIYA SUBHASH | Submitted |
| 22 | IF16056 | SINGH SAMAR LAUHAR | Submitted |
| 23 | IF16057 | SINGH SANGRAM LAUHAR | Submitted |
| 24 | IF16058 | SONI KIRAN SHANKARLAL | Submitted |
| 25 | IF16062 | WADER SHWETA SHANKAR | No |
| 26 | IF16063 | WAGHELA DIMPLE RAMESH | Submitted |
| 27 | IF16065 | YADAV NEERAJ JEELAJEET | No |
| 28 | IF16067 | YADAV DEEPAKKUMAR BHOLANATH | No |

Vandana
SUBJECT TEACHER


The South Indian Association's
THE S.I.A. COLLEGE OF HIGHER EDUCATION
Affiliated to University of Mumbai
NAAC Accredited 'Br' Grade
DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS
ACADEMIC YEAR 2016-17
Subject: Digital Additional Assignment Submi


SUBJECT TEACHER
(Tejauwiw' shiutharan)

The South Indian Association's

## THE S.I.A. COLLEGE OF HIGHER EDUCATION

Affiliated to University of Mumbai
NAAC Accredited 'B+' Grade

## DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS <br> ACADEMIC YEAR 2016-17

Subject: Iutroduction to Maicroprocerson Frehitecture

| Sr.No | Roll No | Name of the student | Submission Status |
| :---: | :--- | :--- | :--- |
| 1 | IF16002 | CHAUDHARI RAVINA PARESH | submicted |
| 2 | IF16003 | CHAUHAN DHIRAJ RAMAKANT | suebmieted |
| 3 | IF16007 | DESAI PRASAD PRADEEP | not submitred |
| 4 | IF16010 | DIXIT ANIKET SURYAPRAKASH | not submithed |
| 5 | IF16013 | GUPTA AMIT VIKRAM | neot submited |
| 6 | IF16014 | GUPTA HARSHAD TRIVENI | submicted |

The South Indian Association's

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NAAC Accredited 'B+' Grade

## DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS

ACADEMIC YEAR 2016-17
Additional Assignment Submission Record
Subject: NSM

| Sr.No | Roll No | Name of the student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF16002 | CHAUDHARI RAVINA PARESH | cubmitted |
| 2 | IF16003 | CHAUHAN DHIRAJ RAMAKANT | - |
| 3 | IF16007 | DESAI PRASAD PRADEEP | Submitted |
| 4 | IF16010 | DIXIT ANIKET SURYAPRAKASH | submitted |
| 5 | IF16013 | GUPTA AMIT VIKRAM | submilted |
| 6 | IF16014 | GUPTA HARSHAD TRIVENI | Submitted |
| 7 | IF16015 | GUPTA POOJA UDAY | - |
| 8 | IF16016 | JADHAV RAHUL SAGARMAL |  |
| 9 | IF16018 | JHA SHIWANI RAMESHKUMAR | Cubmitted |
| 10 | IF16020 | KAMBLE UTKARSH SANJAY | SubmiHed |
| 11 | IF16021 | KARKERA MONISHA DAMODAR | Submitted |
| 12 | IF16023 | KULKARNI VAIDEHI RAGHAVENDRA | Submitted |
| 13 | IF16026 | MANKAR ABHISHEK SAMPAT | Submitted |
| 14 | IF16027 | MANOJKUMAR JEYAKUMAR | - |
| 15 | IF16028 | MEHENDALE NIDHI UDAY | Submitted |
| 16 | IF16033 | NAIR SRUTHI SREEKUMAR | - |
| 17 | IF16035 | NASKAR NIKITA BABLU | Submitted |
| 18 | IF16039 | Patankar amarja Pradeep | Submilted |
| 19 | IF16042 | PAWAR POONAM PRAKASH | Submitted |
| 20 | IF16043 | POOJARY PALLAVI SURESH | Submilted |
| 21 | IF16051 | SHETTIGAR MADHUPRIYA SUBHASH | Submitted |
| 22 | IF16056 | SINGH SAMAR LAUHAR | - |
| 23 | IF16057 | SINGH SANGRAM LAUHAR | - |
| 24 | IF16058 | SONI KIRAN SHANKARLAL | Submited |
| 25 | IF16062 | WADER SHWETA SHANKAR | Submitted |
| 26 | IF16063 | WAGHELA DIMPLE RAMESH | Submitted |
| 27 | IF16065 | YADAV NEERAJ JEELAJEET | Submitted |
| 28 | IF16067 | YADAV DEEPAKKUMAR BHOLANATH | Submitted |
| gof |  |  | CONVENOR |



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# Additional Assignments Submission Records 

 B.SC.(IT)2017-18

The South Indian Association's
THE S.I.A. COLLEGE OF HIGHER EDUCATION Affiliated to University of Mumbai

NAAC Accredited 'B+' Grade DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS

ACADEMIC YEAR 2017-18
Additional Assignment Submission Record
Subject: Imperative programing

| Sr.No | Roll No | Name of the student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF17001 | ADAVI GEETA KOTRAGOUDA | yes. |
| 2 | IF17002 | AGRE BHAVIKA HANUMANT | NO. |
| 3 | IF17003 | AHIRRAO YAMINI KISHOR | yes. |
| 4 | IF17005 | BHUNYA POOJA PITAMBER | yes. |
| 5 | IF17006 | BILAYE PUSHPAK UDAY | yes. |
| 6 | IF17007 | BINVENI NARESH YADGIRI | yes |
| 7 | IF17008 | BIRAJDAR MAHALAXMI PARMESHWAR | yes. |
| 8 | IF17013 | DUBBA VAISHALI RAMCHANDRA | yes. |
| 9 | IF17014 | GAMARE AMEYA DINESH | yes. |
| 10 | IF17016 | GUPTA BABALU PRABHAT | NO: |
| 11 | IF17017 | GUPTA SANDEEP KUMAR DILIP KUMAR | NO. |
| 12 | IF17020 | KADAM ROHIT LAXMAN | NO. |
| 13 | IF17021 | KHARADE AJAY CHANDRAKANT | yes. |
| 14 | IF17024 | MAURYA SATYAM MANOJ | yes |
| 15 | IF17025 | MINDE PRITESH DATTATRAY | yes |
| 16 | IF17026 | MISHRA NIDHI SHYAMDHAR | yes. |
| 17 | IF17027 | MISHRA KIRTI DEVESH | yes. |
| 18 | IF17029 | NAKTI SANYUKTA VASANT | yes |
| 19 | IF17031 | PALAV KUNAL SANJAY | yes. |
| 20 | IF17034 | PATIL GAYATRI ASHOK | yes. |
| 21 | IF17038 | PATIL MAHENDRA BAPURAO | NO. |
| 22 | IF17041 | PAWAR RITIK VINOD | yes. |
| 23 | 1F17043 | PRAJAPATI ANIL KAILASH | NO. |
| 24 | IF17044 | PRAJAPATI DARSH SHAILESH | No. |
| 25 | IF17046 | RAJBHAR DEEPAK KUMAR LALMANI | NO |
| 26 | IF17048 | RAOOL SARA ACHYUT | yes |
| 27 | IF17053 | SAWANT SHUBHAM SUNIL | yes |
| 28 | IF17056 | SHARMA AJAY RAMDAYAL | yes |
| 29 | IF17058 | SHINDE PRASHANT JALINDER | yes |
| 30 | IF17060 | SINGH SONALIKA SANTOSH | yes |
| 31 | IF17062 | SURVE PRAJAKTA RAJSHAILENDRA | N10. |


SUBJECT TEACHER


CONVENOR

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## DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS

ACADEMIC YEAR 2017-18
Additional Assignment Submission Record
Subject: $D M$

| Sr.No | Roll No | Name of the student | Submissio |
| :---: | :---: | :---: | :---: |
| 1 | IF17001 | ADAVI GEETA KOTRAGOUDA | nits |
| 2 | IF17002 | AGRE BHAVIKA HANUMANT |  |
| 3 | IF17003 | AHIRRAO YAMINI KISHOR |  |
| 4 | IF17005 | BHUNYA POOJA PITAMBER |  |
| 5 | IF17006 | BILAYE PUSHPAK UDAY |  |
| 6 | IF17007 | BINVENI NARESH YADGIRI |  |
| 7 | IF17008 | BIRAJDAR MAHALAXMI PARMESHWAR |  |
| 8 | IF17013 | DUBBA VAISHALI RAMCHANDRA |  |
| 9 | IF17014 | GAMARE AMEYA DINESH |  |
| 10 | IF17016 | GUPTA BABALU PRABHAT |  |
| 11 | IF17017 | GUPTA SANDEEP KUMAR DILIP KUMAR |  |
| 12 | IF17020 | KADAM ROHIT LAXMAN |  |
| 13 | IF17021 | KHARADE AJAY CHANDRAKANT | Submitted |
| 14 | IF17024 | MAURYA SATYAM MANOJ | - |
| 15 | IF17025 | MINDE PRITESH DATTATRAY | mitted |
| 16 | IF17026 | MISHRA NIDHI SHYAMDHAR | submitted |
| 17 | [F17027 | MISHRA KIRTI DEVESH | Submitted |
| 18 | IF17029 | NAKTI SANYUKTA VASANT | submilted |
| 19 | IF17031 | PaLAV KUNAL SANJAY | - |
| 20 | IF17034 | PATIL GAYATRI ASHOK | - |
| 21 | IF17038 | PATIL MAHENDRA BAPURAO |  |
| 22 | IF17041 | PAWAR RITIK VINOD | Submitted |
| 23 | IF17043 | PRAJAPATI ANIL KAILASH | Submitted |
| 24 | IF17044 | PRAJAPATI DARSH SHAILESH | - |
| 25 | IF17046 | RAJBHAR DEEPAK KUMAR LALMANI | Submitted |
| 26 | IFI7048 | RAOOL SARA ACHYUT | Submitted |
| 27 | IF17053 | SAWANT SHUBHAM SUNIL | Submitted |
| 28 | IF17056 | SHARMA AJAY RAMDAYAL | Submitted |
| 29 | IF17058 | SHINDE PRASHANT JALINDER | Submitteol |
| 30 | IF17060 | SINGH SONALIKA SANTOSH | - |
| 31 | IF17062 | SURVE PRAJAKTA RAJSHAILENDRA | - |


| 32 | IF17063 | SURYA SURENDRAN | - |
| :---: | :--- | :--- | :---: |
| 33 | IF17066 | TIWARI SHRUTI JTENDRA | Submitted |
| 34 | IF17067 | TIWARI RANIKA RAM | submitted |
| 35 | IF17071 | VANNIYAR KUMERASENDHARMLINGAM | submitted |
| 36 | IF17079 | YADAV SUJEET OMPRAKASH | submitted |
| 37 | IF17081 | CHALAKE AKASH VASANT | - |
| 38 | IF17084 | YADAV NAVNEET BAJRANG | - |
| 39 | IF17085 | YADAV ROHIT AWADESH | Submited |
| 40 | IF17087 | YADAV POOJA OMPRAKASH | Submited |
| 41 | IF17088 | TALASHILKAR APPURVA SHRIPAD | submitted |


Sofit
CONVENOR

The South Indian Association's
THE S.I.A. COLLEGE OF HIGHER EDUCATION
Affiliated to University of Mumbai
NAAC Accredited 'B+' Grade
DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS
ACADEMIC YEAR 2017-18
Additional Assignment Submission Record
Subjeci: Operating System


| 32 | IF17063 | SURYA SURENDRAN | Yes |
| :---: | :---: | :--- | :---: |
| 33 | IF17066 | TIWARI SHRUTI JITENDRA | Yes |
| 34 | IF17067 | TIWARI RANIKA RAM | Yes |
| 35 | IF17071 | VANNIYAR KUMERASENDHARMLINGAM | No |
| 36 | IF17079 | YADAV SUJEET OMPRAKASH | Yes |
| 37 | IF17081 | CHALAKE AKASH VASANT | Yes |
| 38 | IF17084 | YADAV NAVNEET BAJRANG | No |
| 39 | IF17085 | YADAV ROHIT AWADESH | NO |
| 40 | IF17087 | YADAV POOJA OMPRAKASH | Yes |
| 41 | IF17088 | TALASHILKAR APPURVA SHRIPAD | Yes |

vandano.
SUBJECT TEACHER

soirs CONVENOR

The South Indian Association's
THE S.I.A. COLLEGE OF HIGHER EDUCATION
Affiliated to University of Mumbai
NAAC Accredited 'B+' Grade
DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS ACADEMIC YEAR 2017-18
Digital Additional Assignment Submission Record

| Sr.No | Roll No | Name of the student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF17001 | ADAVI GEETA KOTRAGOUDA | submitted |
| 2 | IF17002 | AGRE BHAVIKA HANUMANT | Submitted |
| 3 | IF17003 | AHIRRAO YAMINI KISHOR | submited |
| 4 | IF17005 | BHUNYA POOJA PITAMBER | Submitted |
| 5 | IF17006 | BILAYE PUSHPAK UDAY | hoot subnited |
| 6 | IF17007 | BINVENI NARESH YADGIRI | Not rebmen |
| 7 | IF17008 | BIRAJDAR MAHALAXMI PARMESHWAR | Not submefted |
| 8 | IF17013 | DUBBA VAISHALI RAMCHANDRA | Suebruetred |
| 9 | IF17014 | GAMARE AMEYA DINESH | Pubmutted |
| 10 | IF17016 | GUPTA BABALU PRABHAT | gubmitted |
| 11 | IF17017 | GUPTA SANDEEP KUMAR DILIP KUMAR | submetted |
| 12 | IF17020 | Kadam rohit Laxman | Not gubmited |
| 13 | IF17021 | KHARADE AJAY CHANDRAKANT | Nel sebmitaed |
| 14 | IF17024 | MAURYA SATYAM MANOJ | Nat scebmetel |
| 15 | IF17025 | MINDE PRITESH DATTATRAY | Not srebmeted |
| 16 | IF17026 | MISHRA NIDHI SHYAMDHAR | srebmetted |
| 17 | IF17027 | MISHRA KIRTI DEVESH | febmuted |
| 18 | IF17029 | NAKTI SANYUKTA VASANT | submetred |
| 19 | IF17031 | PALAV KUNAL SANJAY | not srebmetted |
| 20 | IF17034 | PATIL GAYATRI ASHOK | subrictiel |
| 21 | IF17038 | PATIL MAHENDRA BAPURAO | subrietted |
| 22 | IF17041 | PAWAR RITIK VINOD | scebmutted |
| 23 | 1F17043 | PRAJAPATI ANIL KAILASH | $\longrightarrow$ |
| 24 | IF17044 | PRAJAPATI DARSH SHAILESH | submitted |
| 25 | IF17046 | RAJBHAR DEEPAK KUMAR LALMANI | - |
| 26 | IF17048 | RAOOL SARA ACHYUT | fubmucted |
| 27 | IFI7053 | SAWANT SHUBHAM SUNIL | Rebmutiod |
| 28 | IF 17056 | SHARMA AJAY RAMDAYAL | - |
| 29 | IF17058 | SHINDE PRASHANT JALINDER | submitted |
| 30 | IF17060 | SINGH SONALIKA SANTOSH | fubmeted |
| 31 | IF17062 | SURVE PRAJAKTA RAJSHAILENDRA | - |


| 12 | 1117063 |  |  |
| :---: | :---: | :---: | :---: |
| 31 | 1117066 | TIWARI SURIRUDITAN | dubultas |
| 34 | 1117007 | TIWARI SHRUTI JTTENDRA |  |
| 15 | 11717071 | YANNIYAR KUMRAM | hubnites |
| 36 | 1817079 | YANNIYAR KUMERASEN DIIARMLINGAM | Hormetheal |
| 37 | 1F17081 | Yadav SuJBET OMPRAKASH | fubru |
| 38 | 11717084 | YADAV NAVNBET DASANT |  |
| 39 | 1717085 | Y'ADAV ROHIT AWADES | Submite |
| 40 | 1717087 | YADAV POOJA OMPRAKASH | Duebmeted |
| 41 | 1517088 | TALASHILKAR APPURVA SIIRIPAD |  |

The South Indian Association's
THE S.L.A. COLLEGE OF HIGHER EDUCATION Affiliated to University of Mumbai NAAC Accredited 'B+' Grade DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS ACADEMIC YEAR 2017-18
Additional Assignment Submission Record Subject: Mi croprocesson Architecture.

| Sr.No | Roll No | Name of the student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF17001 | ADAVI GEETA KOTRAGOUDA | Submilted |
| 2 | IF17002 | AGRE BHAVIKA HANUMANT | submitted |
| 3 | IF17003 | AHIRRAO YAMINI KISHOR | not submites |
| 4 | IF17005 | BHUNYA POOJA PITAMBER | not submitied |
| 5 | IF17006 | BILAYE PUSHPAK UDAY | net pubmuted |
| 6 | IF17007 | BINVENI NARESH YADGIRI | submitied |
| 7 | IF17008 | BIRAJDAR MAHALAXMI PARMESHWAR | submilled |
| 8 | IF17013 | DUBBA VAISHALI RAMCHANDRA | gubmutted |
| 9 | IF17014 | GAMARE AMEYA DINESH | srebrutied |
| 10 | IF17016 | GUPTA BABALU PRABHAT | not qubmitted |
| 11 | IF17017 | GUPTA SANDEEP KUMAR DILIP KUMAR | not wbmitted |
| 12 | IF17020 | KADAM ROHIT LAXMAN | nat sibmetled. |
| 13 | IF17021 | KHARADE AJAY CHANDRAKANT | gebmitied, |
| 14 | IF17024 | MAURYA SATYAM MANOJ | submited |
| 15 | IF17025 | MINDE PRITESH DATTATRAY | suprivited |
| 16 | IF17026 | MISHRA NIDHI SHYAMDHAR | Subwitled |
| 17 | IF17027 | MISHRA KIRTI DEVESH | submilled |
| 18 | IF17029 | NAKTI SANYUKTA VASANT | subnuited. |
| 19 | IF17031 | PaLAV KUNAL SANJAY | not subruedrd |
| 20 | IF17034 | PATIL GAYATRI ASHOK | submitted |
| 21 | IF17038 | PATIL MAHENDRA BAPURAO | submitted |
| 22 | IF17041 | PAWAR RITIK VINOD | not pubmelted |
| 23 | IF17043 | PRAJAPATI ANIL KAILASH | subuitted |
| 24 | IF17044 | PRAJAPATI DARSH SHAILESH | not submetted |
| 25 | IF17046 | RAJBHAR DEEPAK KUMAR LALMANI | submilted |
| 26 | IF17048 | RAOOL SARA ACHYUT | notsubmultel |
| 27 | IF17053 | SAWANT SHUBHAM SUNIL | submetted |
| 28 | IF17056 | SHARMA AJAY RAMDAYAL | submuled |
| 29 | IF17058 | SHINDE PRASHANT JALINDER | submetted |
| 30 | IF17060 | SINGH SONALIKA SANTOSH | subrulled |
| 31 | IF17062 | SURVE PRAJAKTA RAJSHAILENDRA | suomelfed |


| 32 | IFI7063 | SURYA SURENDRAN | submuted |
| :---: | :---: | :---: | :---: |
| 33 | IF17066 | TIWARI SHRUTI JITENDRA | AB (hors |
| 34 | IF17067 | TIWARI RANIKA RAM | onviled |
| 35 | IF17071 | VANNIYAR KUMERȦSEN DHARMLINGAM | not sub |
| 36 | IF17079 | YADAV SUJEET OMPRAKÁSH | 8 U |
| 37 | IF17081 | CHALAKE AKASH V ViASANT | $18$ |
| 38 | IF17084 | Yadav NAVNEET BAJRANG | Submutred |
| 39 | IF17085 | YADAV ROHIT AWADESH | frebmitted |
| 40 | IF17087 | Yadav Pooja Omprakash | sesmetted |
| 41 | IF17088 | TALASHILKAR APPURVA SHRIPAD | S |

## The South Indian Association's

THE S.I.A. COLLEGE OF HIGHER EDUCATION
Affiliated to University of Mumbai
NAAC Accredited 'B+' Grade
DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS ACADEMIC YEAR 2017-18
Additional Assignment Submission Record
Subject: NSM

| Sr.No | Roll ${ }^{\text {No }}$ | Name of the student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF17001 | ADAVI GEETA KOTRAGOUDA | - |
| 2 | IF17002 | AGRE BHAVIKA HANUMANT | Submitted |
| 3 | IF17003 | AHIRRAO YAMINI KISHOR | - |
| 4 | IFI7005 | BHUNYA POOJA PITAMBER | - |
| 5 | IF17006 | BILAYE PUSHPAK UDAY | - |
| 6 | IF17007 | BINVENI NARESH YADGIRI | - |
| 7 | IF17008 | BIRAJDAR MAHALAXMI PARMESHWAR | Submitted |
| 8 | IF17013 | DUBBA VAISHALI RAMCHANDRA | - |
| 9 | IF17014 | GAMARE AMEYA DINESH | Subruitter |
| 10 | IF17016 | GUPTA BABALU PRABHAT | - |
| 11 | IF17017 | GUPTA SANDEEP KUMAR DILIP KUMAR | submitted |
| 12 | IF17020 | KADAM ROHIT LAXMAN | - |
| 13 | IF17021 | KHARADE AJAY CHANDRAKANT | Sirmitted |
| 14 | IF17024 | MAURYA SATYAM MANOJ | - |
| 15 | IF17025 | MINDE PRITESH DATTATRAY | Submited |
| 16 | IF17026 | MISHRA NIDHI SHYAMDHAR | Submitted |
| 17 | IF17027 | MISHRA KIRTI DEVESH | Submitted |
| 18 | IF17029 | NAKTI SANYUKTA VASANT | - |
| 19 | IF17031 | PALAV KUNAL SANJAY | Submitted |
| 20 | IF17034 | PATIL GAYATRI ASHOK | Submitted |
| 21 | IF17038 | PATIL MAHENDRA BAPURAO | submited |
| 22 | IF17041 | PAWAR RITIK VINOD | - |
| 23 | IF17043 | PRAJAPATI ANIL KAILASH | Submitted |
| 24 | IF17044 | PRAJAPATI DARSH SHAILESH | Submitted |
| 25 | IF17046 | RAJBHAR DEEPAK KUMAR LALMANI | - |
| 26 | IF17048 | RAOOL SARA ACHYUT | Submitted |
| 27 | IF17053 | SAWANT SHUBHAM SUNIL | Submitted |
| 28 | IF17056 | SHARMA AJAY RAMDAYAL | Submitted |
| 29 | IF17058 | SHINDE PRASHANT JALINDER | Submitted |
| 30 | IF17060 | SINGH SONALIKA SANTOSH | - |
| 31 | IF17062 | SURVE PRAJAKTA RAJSHAILENDRA | \&ubmitted |


| 32 | IF17063 | SURYA SURENDRAN |  |
| :---: | :---: | :---: | :---: |
| 33 | IF17066 | TIWARI SHRUTI JTTENDRA | Submitted |
| 34 | IF17067 | TIWARIRANIKA RAM |  |
| 35 | IF17071 | VANNIYAR KUMERASEN DHARMLINGAM | Eubmitted |
| 36 | IF17079 | YADAV SUJEET OMPRAKASH |  |
| 37 | IF17081 | CHALAKE AKASH VASANT |  |
| 38 | IF17084 | YADAV NAVNEET BAJRANG | subrutted |
| 39 | IF17085 | YADAV ROHIT AWADESH | Submitt ed |
| 40 | IF17087 | YADAV POOJA OMPRAKASH | Submitt ed |
| 41 | [F17088 | TALASHILKAR APPURVA SHRIPAD | Submittes |



SUBJECT TEACHER



The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road, Near Balaji Mandir, Dombivli (East), 421203.

# Additional Assignments Submission Records 

 B.SC.(IT)2018-19

## The South Indian Association's

## The S.I. A. College of Higher Education

Affliated to University of Mumbai Accrediated B+ by NAAC

## Department of IT and Mathematics

Academic Year: 2018-19
Additional Assignment Submission Record
Subject: Imperacive Programing.

| Sr.No | Roll Number | Name of the Student | Submission Status |
| ---: | :---: | :---: | :---: |
| 1 | IF18001 | SRIKANTH SHANKAR |  |
| 2 | IF18004 | DHUMAL OMKAR DATTATRAY |  |
| 3 | IF18006 | GHADIGAONKAR NISHANT KRISHNA |  |
| 4 | IF18007 | GUPTA AAKASH VIRENDRA |  |
| 5 | IF18008 | GUPTA SURAJ RAJESH |  |
| 6 | IF18012 | KARANIA PRATIK VIJAY |  |
| 7 | IF18014 | KULKARNI CHAITANYA RAJENDRA |  |
| 8 | IF18018 | NAIK TUSHAR TULASHIDAS | $\checkmark$ |
| 9 | IF18019 | PANADA ROSHAN BHASKAR | $\checkmark$ |
| 10 | IF18020 | POOJARY SHAMIKA SHANKAR | $\checkmark$ |
| 11 | IF18021 | POOJARY SHREYAS SADANANDA | $\checkmark$ |
| 12 | IF18024 | SAMANT MANAS DATTATRAYA | $\checkmark$ |
| 13 | IF18025 | SATRA NEHA KETAN | $\checkmark$ |
| 14 | IF18026 | SHAH ABHISHEK BHUPENDRA | $\times$ |
| 15 | IF18027 | SHARMA SHANIKUMAR VIJAY | $\times$ |
| 16 | IF18028 | TAMBITKAR SHUBHAM SUNIL | $\checkmark$ |
| 17 | IF18029 | TAWDE VAISHNAVINITIN |  |
| 18 | IF18030 | VARMA RITIK AJAY KUMAR |  |
| 19 | IF18031 | WANJALKAR ANUSHKA RAVINDRA | $\checkmark$ |
| 20 | IF18115 | JASAL DIKSHA OMPRAKASH | $\checkmark$ |
| 21 | IF18117 | KANOJYYA RAHUL PRADEEP | $\times$ |
| 22 | IF18120 | MISHRA ATUL RAJLALAN | $\checkmark$ |
| 23 | IF18124 | MORE KSHITEEJ DEEPAK | $\checkmark$ |
| 24 | IF18125 | NADAR RAMKUMAR ARUMUGAPANDI | $\checkmark$ |
| 25 | IF18139 | SHINDE OMKAR BANDU | $\checkmark$ |
| 26 | IF18143 | VISHWAKARMA VINAY VIJAY |  |
|  |  |  |  |

Convenor

The South Indian Association's

## The S.I. A. College of Higher Education

Affliated to University of Mumbai
Accrediated B+ by NAAC
Department of IT and Mathematics
Academic Year: 2018-19
Additional Assignment Submission Record
Subject: $D^{M}$

| Sr.No | Roll Number | Name of the Student | Submission Status |
| ---: | :---: | :---: | :---: |
| 1 | IF18001 | SRIKANTH SHANKAR | Submitted |
| 2 | IF18004 | DHUMAL OMKAR DATTATRAY | Submitted |
| 3 | IF18006 | GHADIGAONKAR NISHANT KRISHNA | Submitted |
| 4 | IF18007 | GUPTA AAKASH VIRENDRA | Submitted |
| 5 | IF18008 | GUPTA SURAJ RAJESH | Submitted |
| 6 | IF18012 | KARANIA PRATIK VIJAY | Submitted |
| 7 | IF18014 | KULKARNI CHAITANYA RAJENDRA | Submited |
| 8 | IF18018 | NAIK TUSHAR TULASHIDAS | Submitted |
| 9 | IF18019 | PANADA ROSHAN BHASKAR | Submitted |
| 10 | IF18020 | POOJARY SHAMIKA SHANKAR | Submitted |
| 11 | IF18021 | POOJARY SHREYAS SADANANDA | Submitted |
| 12 | IF18024 | SAMANT MANAS DATTATRAYA | Submitted |
| 13 | IF18025 | SATRA NEHA KETAN | Submitted |
| 14 | IF18026 | SHAH ABHISHEK BHUPENDRA | Submitted |
| 15 | IF18027 | SHARMA SHANIKUMAR VIJAY | Submitted |
| 16 | IF18028 | TAMBITKAR SHUBHAM SUNIL | Submitted |
| 17 | IF18029 | TAWDE VAISHNAVINITIN | Submitted |
| 18 | IF18030 | VARMA RITIK AJAY KUMAR | - |
| 19 | IF18031 | WANJALKAR ANUSHKA RAVINDRA | Submitted |
| 20 | IF18115 | JASAL DIKSHA OMPRAKASH | Submitted |
| 21 | IF18117 | KANOJIYA RAHUL PRADEEP | - |
| 22 | IF18120 | MISHRA ATUL RAJLALAN | - |
| 23 | IF18124 | MORE KSHITEEJ DEEPAK | Submitted |
| 24 | IF18125 | NADAR RAMKUMAR ARUMUGAPANDI | Submitted |
| 25 | IF18139 | SHINDE OMKAR BANDU | Submitted |
| 26 | IF18143 | VISHWAKARMA VINAY VIJAY | - |

Subject Teacher

## The South Indian Association's

## The S.I. A. College of Higher Education

Affliated to University of Mumbai
Accrediated B+ by NAAC

## Department of IT and Mathematics

Academic Year: 2018-19

## Additional Assignment Submission Record

Subject: Operating System

| Sr.No | Roll Number | Name of the Student | Submission Status |
| ---: | :---: | :---: | :---: |
| 1 | IF18001 | SRIKANTH SHANKAR | Yes |
| 2 | IF18004 | DHUMAL OMKAR DATTATRAY | No |
| 3 | IF18006 | GHADIGAONKAR NISHANT KRISHNA | Yes |
| 4 | IF18007 | GUPTA AAKASH VIRENDRA | Yes |
| 5 | IF18008 | GUPTA SURAJ RAJESH | Yes |
| 6 | IF18012 | KARANIA PRATIK VIJAY | No |
| 7 | IF18014 | KULKARNI CHAITANYA RAJENDRA | Yes |
| 8 | IF18018 | NAIK TUSHAR TULASHIDAS | No |
| 9 | IF18019 | PANADA ROSHAN BHASKAR | Yes |
| 10 | IF18020 | POOJARY SHAMIKA SHANKAR | Yes |
| 11 | IF18021 | POOJARY SHREYAS SADANANDA | Yes |
| 12 | IF18024 | SAMANT MANAS DATTATRAYA | Yes |
| 13 | IF18025 | SATRA NEHA KETAN | Yes |
| 14 | IF18026 | SHAH ABHISHEK BHUPENDRA | No |
| 15 | IF18027 | SHARMA SHANIKUMAR VIJAY | Yes |
| 16 | IF18028 | TAMBITKAR SHUBHAM SUNIL | Yes |
| 17 | IF18029 | TAWDE VAISHNAVINITIN | Yes |
| 18 | IF18030 | VARMA RITIK AJAY KUMAR | No |
| 19 | IF18031 | WANJALKAR ANUSHKA RAVINDRA | Yes |
| 20 | IF18115 | JASAL DIKSHA OMPRAKASH | Yes |
| 21 | IF18117 | KANOJIYA RAHUL PRADEEP | Yes |
| 22 | IF18120 | MISHRA ATUL RAJLALAN | Yo |
| 23 | IF18124 | MORE KSHITEEJ DEEPAK | Yes |
| 24 | IF18125 | NADAR RAMKUMAR ARUMUGAPANDI | Yes |
| 25 | IF18139 | SHINDE OMKAR BANDU | Yes |
| 26 | IF18143 | VISHWAKARMA VINAY VIJAY | Yes |



The South Indian Association's

## The S.I. A. College of Higher Education

Affliated to University of Mumbai
Accrediated B+ by NAAC

## Department of IT and Mathematics

Academic Year: 2018-19
Subject: Digital Electionicl.

| Sr.No | Roll Number | Name of the Student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF18001 | SRIKANTH SHANKAR | Nat Sleb. |
| 2 | IF18004 | DHUMAL OMKAR DATTATRAY | gubmitted |
| 3 | IF18006 | GHADJGAONKAR NISHANT KRISHNA | submetted |
| 4 | IF18007 | GUPTA AAKASH VIRENDRA | slebmulted |
| 5 | IF18008 | GUPTA SURAJ RAJESH | submetted |
| 6 | IF18012 | KARANIA PRATIK VIJAY | not seebmil |
| 7 | IF18014 | KULKARNI CHAITANYA RAJENDRA | not submitted |
| 8 | IF18018 | NAIK TUSHAR TULASHIDAS | Sub witied |
| 9 | IF18019 | PANADA ROSHAN BHASKAR | Sreburilted |
| 10 | IF18020 | POOJARY SHAMIKA SHANKAR | not sebmitred |
| 11 | IF18021 | POOJARY SHREYAS SADANANDA | subructed |
| 12 | IF18024 | SAMANT MANAS DATTATRAYA | subnilted |
| 13 | IF18025 | SATRA NEHA KETAN | dubnucted |
| 14 | IF18026 | SHAH ABHISHEK BHUPENDRA | suot submitted |
| 15 | IF18027 | SHARMA SHANIKUMAR VIJAY ${ }^{-}$ | Not Submited |
| 16 | IF18028 | TAMBITKAR SHUBHAM SUNIL | Not subinited |
| 17 | IF18029 | TAWDE VAISHNAVI NITIN | subrictted |
| 18 | IF18030 | VARMA RITIK AJAY KUMAR | slebmutted |
| 19 | IF18031 | WANJALKAR ANUSHKA RAVINDRA | Not submutred |
| 20 | IF18115 | JASAL DIKSHA OMPRAKASH | Nat fuebmiteal |
| 21 | IF18117 | KANOJIYA RAHUL PRADEEP | Not Submerted |
| 22 | IF18120 | MISHRA ATUL RAJLALAN | submetted |
| 23 | IF18124 | MORE KSHITEEJ DEEPAK | srebmoted |
| 24 | IF18125 | NADAR RAMKUMAR ARUMUGAPANDI | submetted |
| 25 | IF18139 | SHINDE OMKAR BANDU | Suebmited |
| 26 | IF18143 | VISHWAKARMA VINAY VIJAY | seebonetted |

## The South Indian Association's

## The S.I. A. College of Higher Education

Affliated to University of Mumbai
Accrediated B+ by NAAC

## Department of IT and Mathematics

Academic Year: 2018-19
Additional Assignment Submission Record
Subject: Mi Moploceshar Architecture.

| Sr.No | Roll Number | Name of the Student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF18001 | SRIKANTH SHANKAR | not sub. |
| 2 | IF18004 | DHUMAL OMKAR DATTATRAY | Submitted |
| 3 | IF18006 | GHADIGAONKAR NISHANT KRISHNA | subrmited |
| 4 | IF18007 | GUPTA AAKASH VIRENDRA | submited |
| 5 | IF18008 | GUPTA SURAJ RAJESH | Wet sub- |
| 6 | IF18012 | KARANIA PRATIK VIJAY | not sub. |
| 7 | IF18014 | KULKARNI CHAITANYA RAJENDRA | 8ubmited |
| 8 | IF18018 | NAIK TUSHAR TULASHIDAS | submetted |
| 9 | IF18019 | PANADA ROSHAN BHASKAR | not submited |
| 10 | IF18020 | POOIARY SHAMIKA SHANKAR | subwitted |
| 11 | IF18021 | POOJARY SHREYAS SADANANDA | subruetted |
| 12 | IF18024 | SAMANT MANAS DATTATRAYA | scebwitted |
| 13 | IF18025 | SATRA NEHA KETAN | submitted |
| 14 | IF18026 | SHAH ABHISHEK BHUPENDRA | subnutted |
| 15 | IF18027 | SHARMA SHANIKUMAR VIJAY | not subnilted |
| 16 | IF18028 | TAMBITKAR SHUBHAM SUNLL | srebrutted |
| 17 | IF18029 | TAWDE VAISHNAVI NITIN | submuted |
| 18 | IF18030 | VARMA RITIK AJAY KUMAR | not submitted |
| 19 | IF18031 | WANJALKAR ANUSHKA RAVINDRA | Submucted |
| 20 | IF18115 | JASAL DIKSHA OMPRAKASH | submeted |
| 21 | IF18117 | KANOJIYA RAHUL PRADEEP | submulted |
| 22 | IF18120 | MISHRA ATUL RAJLALAN | submittel |
| 23 | IF18124 | MORE KSHITEEJ DEEPAK | neotsuebmued |
| 24 | IF18125 | NADAR RAMKUMAR ARUMUGAPANDI | submelted |
| 25 | IF18139 | SHINDE OMKAR BANDU | fubmucted |
| 26 | IF18143 | VISHWAKARMA VINAY VIJAY | subrutted |
| Convenor |  |  | UR <br> Subject Teacher |

## The South Indian Association's

## The S.I. A. College of Higher Education

Attliated to University of Mumbai Accredited B+ by NAAC
Department of IT and Mathematics
Academic Year: 2018-19
Additional Assignment Submission Record
Subject: NSM



The South Indian Association's
The S.I.A. College of Higher Education
Affiliated to University of Mumbai
Accredited B+ by NAAC
P-88, MIDC Residential Area Dombivli Gymkhana Road, Near Balaji Mandir, Dombivli (East), 421203.

# Additional Assignments Submission Records 

 B.SC.(IT)2019-20

The South Indian Association's

## The S.I. A. College of Higher Education

Affliated to University of Mumbai Accrediated B+ by NAAC
Department of IT and Mathematics
Academic Year: 2019-20
Additional Assignment Submission Record
Subject: Imperative programming

| Sr.No | Roll Number | Name of the Student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF19001 | JOHN DAVID JENIS JOHNSON | submitted |
| 2 | IF19003 | AREKAR AJINKYA JITENDRA | submitted |
| 3 | IF19004 | BABURAJ RENUKA. | submitled |
| 4 | IF19005 | BHOSALE SANSKRUTI RAJENDRA | submitted |
| 5 | IF19007 | CHANDAN SWANAND SAINATH |  |
| 6 | IF19009 | DONGRE SHREYA SUHAS | - |
| 7 | IF19011 | GAIKWAD POOJA BALKRISHNA | submitted |
| 8 | IF19012 | GANDHERE SARVESH SANJAY | Submitted |
| 9 | IF19014 | GUPTA ABHIJEET ARVIND | cubmilted |
| 10 | IF19015 | GURAV SUYASH BHARAT | - |
| 11 | IF19016 | HEGDE NAMRATHA NAVEEN | bmitted |
| 12 | IF19017 | IYER MAHESHWARAN | Submitted |
| 13 | IF19018 | JADHAV SUDARSHAN VISHNU | Submitted |
| 14 | IF19019 | JADHAV CHAITANYA PANDURANG | Submitted |
| 15 | IF19020 | JadHav Sandesh SambHaji | submitted |
| 16 | IF19021 | JADHAV TANISH KISHOR | submitted |
| 17 | IF19025 | JONDHALE ANIKET SOPAN | Submitted |
| 18 | IF19026 | KALE CHETAN LAXMAN | Subme |
| 19 | IF19027 | KANOJIYA PRATIK PRAKASH | Subovitted |
| 20 | IF19029 | KUSHWAHA RAJAN MUNNA | Submitted |
| 21 | IF19030 | MEHTA MANISH MANOJPRASAD | Submitted |
| 22 | IF19031 | MISHRA SUDHANSU ASHOK | Subnuitted |
| 23 | IF19033 | MISHRA DEEPAK JAYENDRA | - |
| 24 | IF19035 | NADAR ANNIE QUEEN IOSE PETER | Submitted |
| 25 | IF19039 | PANDIT YUKTA VIVEK | Submilted |
| 26 | IF19041 | PATIL SHUBHAM KALLAPPA | - |
| 27 | IF19042 | PATIL RUPESH SAKHARAM | Submitted |
| 28 | IF19044 | PATIL TANVI SHAILESH | Sibmitted |
| 29 | IF19046 | PHADKE SAMIKSHA SANJAY | Sivamitted |
| 30 | IF19047 | POOJARI YASH KUMAR | Submitted |
| 31 | IF19050 | RATHOD CHINTAN SHAILESH | Sumitted |


| 32 | IF19057 | SINGH JHANVI CHANDRASEN | Submitted |
| :---: | :---: | :---: | :---: |
| 33 | IF19058 | SUNDAR MANOJ KUMAR. | - |
| 34 | IF19061 | THAKUR RITESH GANESH | Submitted |
| 35 | IF19062 | VICHARE JAY MURALIDHAR | - |
| 36 | IF19063 | VITKAR AKSHATA BABU | Submpitled |
| 37 | IF19065 | GURAV VEDANT RAVI | Submitted |
| 38 | IF19071 | PATHARE RUSHIKESH MANOJ | Submitted |
| 39 | IF19074 | KANADE OMKAR GAJANAN | Submitted |

The South Indian Association's

## The S.I. A. College of Higher Education

Affliated to University of Mumbai
Accrediated B+ by NAAC

## Department of IT and Mathematics

Academic Year: 2019-20

## Additional Assignment Submission Record

Subject: $D M$

| Sr.No | Roll Number | Name of the Student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF19001 | JOHN DAVID JENIS JOHNSON | Submitted |
| 2 | IF19003 | AREKAR AJINKYA JITENDRA | Suboritted |
| 3 | IF19004 | BABURAJ RENUKA . | Submitied |
| 4 | IF19005 | BHOSALE SANSKRUTI RAJENDRA | Submitted |
| 5 | IF19007 | CHANDAN SWANAND SAINATH | Subnitied |
| 6 | IF19009 | DONGRE SHREYA SUHAS | - |
| 7 | IF19011 | GAIKWAD POOJA BALKRISHNA | Submitted |
| 8 | IF19012 | GANDHERE SARVESH SANJAY | Submitted |
| 9 | IF19014 | GUPTA ABHIJEET ARVIND | Submitted |
| 10 | IF19015 | GURAV SUYASH BHARAT | Submitted |
| 11 | IF19016 | HEGDE NAMRATHA NAVEEN | Submitted |
| 12 | IF19017 | IYER MAIESHWARAN | Submilted |
| 13 | IF19018 | JADHAV SUDARSHAN VISHNU | Submitted |
| 14 | IF19019 | JADHAV CHAITANYA PANDURANG | Submitter |
| 15 | IF19020 | JADHAV SANDESH SAMBHAJI | - |
| 16 | IF19021 | JADHAV TANISH KISHOR | Submitted |
| 17 | IF19025 | JONDHALE ANIKET SOPAN | Submitted |
| 18 | IF19026 | KALE CHETAN LAXMAN | Submitted |
| 19 | IF19027 | KANOJIYA PRATIK PRAKASH | - |
| 20 | IF19029 | KUSHWAHA RAJAN MUNNA | - |
| 21 | IF19030 | MEHTA MANISH MANOJPRASAD | Submited |
| 22 | IF19031 | MISHRA SUDHANSU ASHOK |  |
| 23 | IF19033 | MISHRA DEEPAK JAYENDRA | Submitted |
| 24 | IF19035 | NADAR ANNIE QUEEN JOSE PETER | Submitted |
| 25 | IF19039 | PANDIT YUKTA VIVEK | Submitted |
| 26 | IF19041 | PATIL SHUBHAM KALLAPPA | Submitted |
| 27 | IF19042 | PATIL RUPESH SAKHARAM | - |
| 28 | IF19044 | PATIL TANVI SHAILESH | Submitted |
| 29 | IF19046 | PHADKE SAMIKSHA SANJAY | - |
| 30 | IF19047 | POOJARI YASH KUMAR | Submittes |
| 31 | IF19050 | RATHOD CHINTAN SHAILESH | Sumitted |


| 32 | IF19057 | SINGH JHANVI CHANDRASEN | ~ |
| :---: | :---: | :---: | :---: |
| 33 | IF19058 | SUNDAR MANOJ KÜMAR. | 8ubmited |
| 34 | IF19061 | THAKUR RITESH GANESH | submitted |
| 35 | IF19062 | VICHARE JAY MURALIDHAR | 8ubmitted |
| 36 | IF19063 | VITKAR AKSHATA BABU | - |
| 37 | IF19065 | GURAV VEDANT RAVI | Gubmitted |
| 38 | IF19071 | PATHARE RUSHIKESH MANOJ | 8ubmited |
| 39 | IF19074 | KANADE OMKAR GAJANAN | submitted |

Subjeci Ticucici

## The South Indian Association's

## The S.I. A. College of Higher Education

Affliated to University of Mumbai Accrediated B+ by NAAC

## Department of IT and Mathematics

Academic Year: 2019-20
Additional Assignment Submission Record
Subject: Operating System

| Sr.No | Roll Number | Name of the Student | Submission Status |
| :---: | :---: | :---: | :---: |
|  |  | JOHNDAVID JENIS JOHNSON | No |
| 2 | IF19003 | AREKAR AJINKYA JITENDRA | Yes |
| 3 | IF19004 | BABURAJ RENUKA. | yes |
| 4 | IF19005 | BHOSALE SANSKRUTI RAJENDRA | No |
| 5 | IF19007 | CHANDAN SWANAND SAINATH | Yes |
| 6 | IF19009 | DONGRE SHREYA SUHAS | yes |
| 7 | IF19011 | GAIKWAD POOJA BALKRISHNA | yes |
| 8 | IF19012 | GANDHERE SARVESH SANJAY | yes |
| 9 | IF19014 | GUPTA ABHIJEET ARVIND | No |
| 10 | IF19015 | GURAV SUYASH BHARAT | Yes |
| 11 | IF19016 | HEGDE NAMRATHA NAVEEN | yes |
| 12 | F19017 | IYER MAFIESHWARAN | yes |
| 13 | IF19018 | JADHAV SUDARSHAN VISHNU | yes |
| 14 | IF19019 | JADHAV CHAITȦNYA PANDURANG | yes |
| 15 | IF19020 | JADHAV SANDESH SAMBHAJI | yes |
| 16 | IF19021 | JADHAV TANISH KISHOR | yes |
| 17 | IF19025 | JONDHALE ANIKET SOPAN | yes |
| 18 | IF19026 | KALE CHETAN LAXMAN | yes |
| 19 | IF19027 | KANOJIYA PRATIK PRAKASH | yes |
| 20 | IF19029 | KUSHWAHA RAJAN MUNNA | yes |
| 21 | IF19030 | MEHTA MANISH MANOJPRASAD | yes |
| 22 | IF19031 | MISHRA SUDHANSU ASHOK | yes |
| 23 | IF19033 | MISHRA DEEPAK JAYENDRA | NO |
| 24 | IF19035 | NADAR ANNIE QUEEN IOSE PETER | No |
| 25 | IF19039 | PANDIT YUKTA VIVEK | Yes |
| 26 | IF19041 | PATIL SHUBHAM KALLAPPA | No |
| 27 | IF19042 | PATIL RUPESH SAKHARAM | yes |
| 28 | IF19044 | PATIL TANVI SHAILESH | Yes |
| 29 | IF19046 | PHADKE SAMIKSHA SANJAY | yes |
| 30 | IF19047 | POOJARI YASH KUMAR | yes |
| 31 | IF19050 | RATHOD CHINTAN SHAILESH | yes |


| 32 | IF19057 | SINGH JHANVI CHANDRASEN | Yes |
| :---: | :---: | :---: | :---: |
| 33 | IF19058 | SUNDAR MANOJ KUMAR. | No |
| 34 | IF19061 | THAKUR RITESH GANESH | Yes |
| 35 | IF19062 | VICHARE JAY MURALIDHAR | Yes |
| 36 | IF19063 | VITKAR AKSHATA BABU | No |
| 37 | IF19065 | GURAV VEDANT RAVI | Yes |
| 38 | IF19071 | PATHARE RUSHIKESH MANOJ | Yes |
| 39 | IF19074 | KANADE OMKAR GAJANAN | Yes |

## The South Indian Association's

## The S.I. A. College of Higher Education

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## Department of IT and Mathematics

Academic Year: 2019-20
Subject: Digital
Additional Assignment Submission Record Electrowies.

| Sr.No | Roll Number | Name of the Student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF19001 | JOHN DAVID JENIS JOHNSON | subrutted |
| 2 | IF19003 | AREKAR AJINKYA JITENDRA | $\longrightarrow$ |
| 3 | IF19004 | BABURAJ RENUKA. | Jubruitteed |
| 4 | IF19005 | BHOSALE SANSKRUTI RAJENDRA | subnutted |
| 5 | IF19007 | CHANDAN SWANAND SAINATH | kubmutted |
| 6 | IF19009 | DONGRE SHREYA SUHAS |  |
| 7 | IF19011 | GAIKWAD POOJA BALKRISHNA | Submutted |
| 8 | IF19012 | GANDHERE SARVESH SANJAY | rubmitted |
| 9 | IF19014 | GUPTA ABHIJEET ARVIND | Submated |
| 10 | IF19015 | GURAV SUYASH BHARAT | - |
| 11 | IF19016 | HEGDE NAMRATHA NAVEEN | $\checkmark$ |
| 12 | [F19017 | IYER MAHESHWARAN | - |
| 13 | IF19018 | JADHAV SUDARSHAN VISHNU | - |
| 14 | IF19019 | JADHAV CHAITANYA PANDURANG | Submuted |
| 15 | IF19020 | JADHAV SANDESH SAMBHAJI | $\longrightarrow$ |
| 16 | IF19021 | JADHAV TANISH KISHOR | $\longrightarrow$ |
| 17 | IF19025 | JONDHALE ANIKET SOPAN | sutomited. |
| 18 | IF19026 | KALE CHETAN LAXMAN | - |
| 19 | IF19027 | KANOJIYA PRATIK PRAKASH | $\bigcirc$ |
| 20 | IF19029 | KUSHWAHA RAJAN MUNNA | Suboutted. |
| 21 | IF19030 | MEHTA MANISH MANOJPRASAD |  |
| 22 | IF19031 | MISHRA SUDHANSU ASHOK | - |
| 23 | IF19033 | MISHRA DEEPAK JAYENDRA | Subonitred |
| 24 | IF19035 | NADAR ANNIE QUEEN IOSE PETER | Ruborntred |
| 25 | IF19039 | PANDIT YUKTA VIVEK | - |
| 26 | [F19041 | PATIL SHUBHAM KALLAPPA | habmulh |
| 27 | IF19042 | PATIL RUPESH SAKHARAM | - |
| 28 | IF19044 | PATIL TANVI SHAILESH | $\square$ |
| 29 | IF19046 | PHADKE SAMIKSHA SANJAY | fubunted. |
| 30 | IF19047 | POOJARI YASH KUMAR |  |
| 31 | IF19050 | RATHOD CHINTAN SHAILESH | - |


| 32 | IF19057 | SINGH JHANVI CHANDRASEN | $N O$ |
| :---: | :---: | :---: | :---: |
| 33 | IF19058 | SUNDAR MANOJ KUMAR. |  |
| 34 | IF19061 | THAKUR RITESH GANESH | $N 10$ |
| 35 | IF19062 | VICHARE JAY MURALIDHAR |  |
| 36 | IF19063 | VITKAR AKSHATA BABU | $N ⿴$ |
| 37 | IF19065 | GURAV VEDANT RAVI |  |
| 38 | IF19071 | PATHARE RUSHIKESH MANOJ | $N o$. |
| 39 | IF19074 | KANADE OMKAR GAJANAN | $N o$. |

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## Department of IT and Mathematics

 Academic Year: 2019-20 Additional Assignment Submission Record Subject: Microprocesha Archite oture| Sr.No | Roll Number | Name of the Student | Submissio |
| :---: | :---: | :---: | :---: |
| 1 | IF19001 | JOHN DAVID JENIS JOHNSON | Not seb. |
| 2 | IF19003 | AREKAR AJINKYA JITENDRA | submitiod |
| 3 | IF19004 | BABURAJ RENUKA. | Bunmetted |
| 4 | IF19005 | BHOSALE SANSKRUTI RAJENDRA | scebmitted |
| 5 | IF19007 | CHANDAN SWANAND SAINATH | Quebristled |
| 6 | IF19009 | DONGRE SHREYA SUHAS | 8ubincted |
| 7 | IF19011 | GAIKWAD POOJA BALKRISHNA | neol submite |
| 8 | IF19012 | GANDHERE SARVESH SANJAY | not sebrucled |
| 9 | IF19014 | GUPTA ABHIJEET ARVIND | subrited |
| 10 | IF19015 | GURAV SUYASH BHARAT | submoted |
| 11 | IF19016 | HEGDE NAMRATHA NAVEEN | submitted |
| 12 | IF19017 | IYER MAHESHWARAN | submitted |
| 13 | IF19018 | JADHAV SUDARSHAN VISHNU | subrmetted |
| 14 | IF19019 | JADHAV CHAITANYA PANDURANG | Suebmetted |
| 15 | IF19020 | JADHAV SANDESH SAMBHAJI | not sebmetod |
| 16 | IF19021 | JADHAV TANISH KISHOR | net submited |
| 17 | IF19025 | JONDHALE ANIKET SOPAN | not see |
| 18 | IF19026 | KALE CHETAN LAXMAN | not seeb |
| 19 | IF19027 | KANOJIYA PRATIK PRAKASH | Not submetted |
| 20 | IF19029 | KUSHWAHA RAJAN MUNNA | submetirel |
| 21 | IF19030 | MEHTA MANISH MANOJPRASAD | Nat su*mitted |
| 22 | IF19031 | MISHRA SUDHANSU ASHOK | submelted |
| 23 | IF19033 | MISHRA DEEPAK JAYENDRA | Submetted |
| 24 | IF19035 | NADAR ANNIE QUEEN JOSE PETER | notscemetted |
| 25 | IF19039 | PANDIT YUKTA VIVEK | submited |
| 26 | IF19041 | PATIL SHUBHAM KALLAPPA | not saeb |
| 27 | IF19042 | PATIL RUPESH SAKHARAM | luel sub |
| 28 | IF19044 | PATIL TANVI SHAILESH | neat sub |
| 29 | IF19046 | PHADKE SAMIKSHA SANJAY | gubmiteo |
| 30 | IF19047 | POOJARI YASH KUMAR | submutred |
| 31 | IF19050 | RATHOD CHINTAN SHAILESH | submited |



# The South Indian Association's 

## The S.I. A. College of Higher Education

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## Department of IT and Mathematics

Academic Year: 2019-20
Additional Assignment Submission Record
Subject: NSM

| Sr.No | Roll Number | Name of the Student | Submission Status |
| :---: | :---: | :---: | :---: |
| 1 | IF19001 | JOHN DAVID JENIS JOHNSON | Submitted |
| 2 | IF19003 | AREKAR AJINKYA JITENDRA | Submitted |
| 3 | IF19004 | BABURAJ RENUKA. | Submitted |
| 4 | IF19005 | BHOSALE SANSKRUTI RAJENDRA | Submitted |
| 5 | IF19007 | CHANDAN SWANAND SAINATH | súbmitted |
| 6 | IF19009 | DONGRE SHREYA SUHAS | Submitted |
| 7 | IF19011 | GAIKWAD POOJA BALKRISHNA | Submitted |
| 8 | IF19012 | GANDHERE SARVESH SANJAY | Submitted |
| 9 | IF19014 | GUPTA ABHIJEET ARVIND | submited |
| 10 | IF19015 | GURȦV SUYÄSH BHARAT | - |
| 11 | IF19016 | HEGDE NAMRATHA NAVEEN | Submitted |
| 12 | IF19017 | IYER MAHESHWARAN | Submitted |
| 13 | IF19018 | JADHAV SUDARSHAN VISHNU | Submitted |
| 14 | IF19019 | JADHAV CHAITȦNYA PANDURANG | Qubmitted |
| 15 | IF19020 | JADHAV SANDESH SAMBHAJI | Submilted |
| 16 | IF19021 | JADHAV TANISH KISHOR | Submitted |
| 17 | IF19025 | JONDHALE ANIKET SOPAN | Submitted |
| 18 | IF19026 | KALE CHETAN LAXMAN | $\bigcirc$ |
| 19 | IF19027 | KANOJIYA PRATIK PRAKASH | Submitted |
| 20 | IF19029 | KUSHWAHA RAJAN MUNNA | Submitted |
| 21 | IF19030 | MEHTA MANISH MANOJPRASAD | Submitted |
| 22 | IF19031 | MISHRA SUDHANSU ASHOK | Submitted |
| 23 | IF19033 | MISHRA DEEPAK JAYENDRA | Submitted |
| 24 | IF19035 | NADAR ANNIE QUEEN IOSE PETER | submifted |
| 25 | IF19039 | PANDIT YUKTA VIVEK | - |
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| 27 | IF19042 | PATIL RUPESH SAKHARAM | Submitted |
| 28 | IF19044 | PATIL TANVI SHAILESH | Submitted |
| 29 | IF19046 | PHADKE SAMIKSHA SANJAY | Submitted |
| 30 | IF19047 | POOJARI YASH KUMAR | Submitted |
| 31 | IF19050 | RATHOD CHINTAN SHAILESH | - |


| 32 | IF19057 | SINGH JHANVI CHANDRASEN | - |
| :---: | :---: | :---: | :---: |
| 33 | IF19058 | SUNDAR MANOJ KUMAR. | Submitted |
| 34 | IF19061 | THAKUR RITESH GANESH | submitted |
| 35 | IF19062 | VICHARE JAY MURALIDHAR | Submitted |
| 36 | IF19063 | VITKAR AKSHATA BABU | submitted |
| 37 | IF19065 | GURAV VEDANT RAVI | - |
| 38 | IF19071 | PATHARE RUSHIKESH MANOJ | submitted |
| 39 | IF19074 | KANADE OMKAR GAJANAN | Submitted |



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The S.I.A. College of Higher Education
Affiliated to University of Mumbai
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P-88, MIDC Residential Area Dombivli Gymkhana Road, Near Balaji Mandir, Dombivli (East), 421203.

## Additional Assignments

B.SC.(IT)

The South Indian Association's

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P-88, MIDC Residential Area Dombivli Gymkhana Road, Near Balaji Mandir, Dombivli (East), 421203.

QUESTION BANK- Advanced Learners
Subject: DIGITAL ELECTRONICS Semester: I Class: F.Y.B.Sc.(IT)

1. State the different classification of binary codes?
2. Convert 0.640625 decimal numbers to its octal equivalent.
3. Convert 0.1289062 decimal number to its hex equivalent
4. Convert 22.64 to hexadecimal number.
5. State the steps involved in Gray to binary conversion?
6. Using 10 's complement subtract 72532-3250
7. Find 2 'S complement of $(10100011) 2$
8. Subtract 1110012 from 1010112 using 2's complement method
9. Find the excess -3 code and 9 's complement of the number 40310
10. What are the different types of number complements?
11. Given the two binary numbers $\mathrm{X}=1010100$ and $\mathrm{Y}=1000011$, perform the subtraction
12. Given the two binary numbers $\mathrm{X}=1010100$ and $\mathrm{Y}=1000011$, perform the subtraction
13. What are basic properties of Boolean algebra?
14. State the associative property of Boolean algebra.
15. State the commutative property of Boolean algebra.
16. State the distributive property of Boolean algebra.
17. State the absorption law of Boolean algebra.
18. State De Morgan's theorem.
19. Reduce $\mathrm{A}^{\prime} \mathrm{B}^{\prime} \mathrm{C}^{\prime}+\mathrm{A}^{\prime} \mathrm{BC}^{\prime}+\mathrm{A}^{\prime} \mathrm{BC}$
20. Reduce $\mathrm{AB}+(\mathrm{AC})^{\prime}+\mathrm{AB}^{\prime} \mathrm{C}(\mathrm{AB}+\mathrm{C})$
21. Simplify the following expression $Y=(A+B)\left(A+C^{\prime}\right)\left(B^{\prime}+C^{\prime}\right)$
22. Show that $\left(X+Y^{\prime}+X Y\right)\left(X+Y^{\prime}\right)\left(X^{\prime} Y\right)=0$
23. Prove that $\mathrm{ABC}+\mathrm{ABC}^{\prime}+\mathrm{AB}^{\prime} \mathrm{C}+\mathrm{A}^{\prime} \mathrm{BC}=\mathrm{AB}+\mathrm{AC}+\mathrm{BC}$
24. Convert the given expression in canonical SOP form $\mathrm{Y}=\mathrm{AC}+\mathrm{AB}+\mathrm{BC}$

25 . Define duality property.
26. Find the complement of the functions $F 1=x^{\prime} y z^{\prime}+x^{\prime} y^{\prime} z$ and $F 2=x\left(y^{\prime} z^{\prime}+y z\right)$.
27. Simplify the following expression
28. What are the methods adopted to reduce Boolean function?
29. What is a karnaugh map?
30. Find the minterms of the logical expression $Y=A^{\prime} \mathrm{B}^{\prime} \mathrm{C}^{\prime}+\mathrm{A}^{\prime} \mathrm{B}^{\prime} \mathrm{C}+\mathrm{A}^{\prime} \mathrm{BC}+\mathrm{ABC}^{\prime}$
31. Write the maxterms corresponding to the logical expression
32. What are called don't care conditions?
33. What is a prime implicant?
34. What is an essential implicant?
35. Write an expression for borrow and difference in a full subtractor circuit.
36. Draw the circuits diagram for 4 bit Odd parity generator.
37. Mention any two differences between the edge triggering and level triggering.
38. What is meant by programmable counter? Mention its application.

| 1 | Find out which of the following sets are empty/nonempty. <br> i) $\mathrm{A}=\{x \in R \mid 0<x<1\}$ ii) $\mathrm{B}=\{$ Set of all consonant in English alphabet $\}$ <br> iii) $\mathrm{C}=\left\{x \in R \mid x^{2}+1=0\right\}$ iv) $\mathrm{C}=\{x \in N \mid x+2=0\}$ |
| :---: | :---: |
| 2 | Find out which of the following statements are true or false i) $1 \in\{1,2\}$ ii) $\{1\} \in\{1,2\}$ iii $) 1 \subseteq\{1,2\}$ iv) $\{1\} \subseteq\{1,2\}$ v) $\phi \in\{1,2\}$ vi) $\phi \subseteq\{1,2\}$ |
| 3 | Write the following statement in <br> i) If my car is in the repair shop, then I cannot get to the class. <br> (Converse form) <br> ii) If today is Friday, then $2+3=5$ (Inverse form) <br> iii) John is 6 feet tall and he weighs at least 200 pounds.(Negation form) <br> iv) If x is prime then x is odd or x is 2(Symbolic form) <br> v) $p \vee q$ (Plain English form) <br> where $\mathrm{p}=$ "Mumbai is capital of Maharashtra" <br> and $\mathrm{q}=$ "Ali is good in mathematics" |
| 4 | Define Logical equivalence and hence show that <br> i) $p \rightarrow q \& \neg q \rightarrow \neg p$ <br> ii) $(p \vee q) \vee r \& p \vee(q \vee r)$ <br> are logically equivalent |
| 5 | Find the truth set of each predicate <br> i) Predicate: $6 / \mathrm{d}$ is an integer, domain: Z <br> ii) Predicate: $6 / \mathrm{d}$ is an integer, domain: $Z^{+}$ <br> iii) Predicate: $1 \leq x^{2} \leq 4$, domain: R <br> iv) Predicate: $1 \leq x^{2} \leq 4$, domain: $Z$ <br> v) Predicate: $n<5$ and $n \neq 3$, domain: $Z^{+}$ |
| 6 | Using truth table check the validity of <br> If New York is a big city, then New York has tall buildings. <br> New York has tall buildings <br> Therefore New York is a big city. |
| 7 | Show that the function $\mathrm{f}: \mathrm{R}->\mathrm{R}$ defined by the formula $f(x)=4 x-1$ for all real number $x$ is one to one and onto. |
| 8 | Let $\mathrm{A}=\{\mathbf{2 , 3 , 4 \}}$ and $\mathrm{B}=\{\mathbf{2 , 6 , 8}\}$ |


|  | and let R be the "divides" relation from A to B: <br> For all ( $x, y$ ) $\in A \times B, x R y \Leftrightarrow x \mid y$ ( $x$ divides $y$ ). <br> a. State explicitly which ordered pairs are in $R$ and inverse of $R$, and draw arrow diagrams for $R$ and inverse of $R$ <br> b. Describe inverse of $R$ in words. |
| :---: | :---: |
| 9 | List all subgraphs of the graph $G$ with vertexset $\{v 1, \mathrm{v} 2\}$ and edge $\operatorname{set}\{e 1, e 2, e 3\}$, where the endpoints of e1 are $v 1$ and $v 2$, the endpoints of e2 are v 1 and v 2 , and e 3 is a loop at v 1 . |
| 10 | Define adjacency matrix |
| 11 | a. Evaluate $\mathrm{P}(5,2)$. <br> b. How many 4-permutations are there of a set of seven objects? <br> c. How many 5 -permutations are there of a set of five objects? |
| 12 | A drawer contains ten black and ten white socks. You reach in and pull some out without looking at them. What is the least number of socks you must pull out to be sure to get a matched pair? Explain how the answer follows from the pigeonhole principle. |
| 13 | A pair of fair dice, one blue and the other gray, are rolled. What is the probability that the sum of the numbers showing face up is 8 , given that both of the numbers are even? |
| 14 | Determine whether the following argument is valid or invalid by drawing a truth table $\begin{aligned} & p \vee q \\ & p \rightarrow r \\ & q \rightarrow r \\ & \therefore r \end{aligned}$ |
| 15 | Let the Universal set be the set R of all real numbers and Let $A=\{x \in R \mid-3 \leq x \leq 0\}, B=\{x \in R \mid-1<x<2\}, C=\{x \in R \mid 6<x \leq 8\}$ <br> Find each of the following <br> a) $A \cup B$ <br> b) $A^{C} \cap B^{C}$ <br> c) A-B <br> d) $\|A\|,\|B\|,\|C\|$ |
| 16 | Let $\mathrm{D}=\{-48,-14,-8,0,1,3,16,23,26,32,36\}$ |


|  | Determine which of the following statements are true and which are false. <br> Provide counterexamples for those statements that are false. <br> i) $\quad \forall x \in D$, if $x$ is odd then $x>0$ <br> ii) $\quad \forall x \in D$, if $x<0$ then $x$ is even |
| :---: | :---: |
| 17 | Write the following statement in <br> i) If Howard can swim across the lake, then Howard can swim to the Island . (Contrapositive form) <br> ii) If my car is in the repair shop, then I cannot get to Class . (Negation form using Negation of a conditional statements with proper explanation) <br> iii) It is not hot but sunny(Symbolic form) |
| 18 | State and prove De Morgan's law for sets |
| 19 | Which of the following sets are equal? Justify your answer: $\begin{aligned} & \mathrm{A}=\{0,1,2\} \\ & \mathrm{B}=\{\mathrm{x} \text { is a real number and }-1<\mathrm{x}<3\} \\ & \mathrm{C}=\{\mathrm{x} \text { is a positive integers and }-1<\mathrm{x}<3\} \\ & \mathrm{D}=\{\mathrm{x} \text { is an integer and }-1<\mathrm{x}<3\} \end{aligned}$ |
| 20 | Using Truth table show that $p \leftrightarrow q \equiv(p \rightarrow q) \wedge(q \rightarrow p)$ |
| 21 | Using truth table check the validity of the statement $\begin{aligned} & p \rightarrow q \\ & q \rightarrow p \\ & \therefore p \vee q \\ & \hline \end{aligned}$ |
| 22 | Let $\mathrm{A}=\{\mathrm{c}, \mathrm{d}, \mathrm{f}, \mathrm{g}\}, \mathrm{B}=\{\mathrm{f}, \mathrm{j}\}$, and $\mathrm{C}=\{\mathrm{d}, \mathrm{g}\}$ <br> Answer each of the following questions. Give reason for your answers. <br> i) $I s B \subseteq A$ ? <br> ii) Is $C \subseteq A$ ? <br> iii) Is $C \subseteq C$ ? <br> iv) Is C a proper subset of $A$ ? |
| 23 | Find out which of the following sets are finite/infinite |

\(\left.\left.$$
\begin{array}{|c|ll|}\hline & \begin{array}{l}\text { i) } \mathrm{A}=\{\text { Month of the year }\}\end{array}
$$ \quad ii) \mathrm{B}=\{circles through origin\} <br>

iii) \mathrm{C}=\{Set of Prime numbers\} \& iv) \mathrm{D}=\{animals living on the earth\}\end{array}\right\} $$
\begin{array}{lll}\text { v) } \mathrm{E}=\{\text { Set of Vowels in English alphabets }\}\end{array}
$$\right]\)| Indicate which of the following relationships are true and which are false. |  |
| :--- | :--- | :--- |
| 24 | i) $Q \cap R=Q$ <br> iv) $Z^{-} \cup Z^{+}=Z$ ii) $Q \cup Z=Q$ <br> v) $Q \cap \phi=Q$  <br> 25How many friends must you have to guarantee so that at least 5 of them will <br> have their birthdays in the same month? |

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## DEPARTMENT OF INFORMATION TECHNOLOGY AND MATHEMATICS Additional Assignment <br> Subject:Imperative Programming

Q.Write a program that creates two integer arrays of size 8 and 7. Initialize the arrays with random values. Sort the arrays in ascending order with the help of $u$ user defined function namely 'sortArray'. Merge these arrays with the help of another user defined function named 'mergeArrays' which return a new array. Program should display the arrays before and after sorting , also the merged array.
Q. Write a program to read Title, Author and Price of 10 books using array of structures. Display the records in ascending order of price.
Q. Write a program to calculate summation of series

$$
\frac{1}{1!}+\frac{2}{2!}+\frac{3}{3!}+\cdots+\frac{n}{n!}
$$

Q. Write a program to find the frequency of digits in a set of numbers and remove duplicates from an array. For ex. Array $A=\{1,2,3,4,2,5,2\}$ frequency of 2 is 3 and resultant array is $A=\{1,2,3,4,5\}$
Q. Write a short note on C library functions.
Q. What is the purpose of a static function in a multifile program? Explain with suitable example.
Q.What are preprocessors in C language? Explain \#if -\#else- \#endif preprocessor directive with suitable example.
Q.Explain the statements of the main() function with its output
\#include<stdio.h>
void main()
\{ int line[80];
Int *p1;
line[2]=line[1];
line[2] $=*$ (line +1 );
*(line +3 ) $=$ line $[1]+3$;
*(line +2 ) $=$ *(line +1 );

$$
\begin{aligned}
& \mathrm{P} 1=\& \text { line }[1] ; \\
& \mathrm{P} 1=\text { line }+1 ; \\
& \}
\end{aligned}
$$

Q. Draw a flowchart for finding factorial of a number.
Q. Explain the following with example

1. Symbolic Constants
2. Escape sequences
Q. Write a program in C to solve the following expression $\mathrm{F}=\mathrm{P}(1+\mathrm{i})^{\mathrm{n}}$
Q. Write a function in C to swap two integer variables using call by value and call by reference Q . Write a program in C to check whether a number is stored in an array of ten integers. If present display its position else display appropriate error message.
Q. Write a program in C to find fourth roots of a number entered by the user.
Q. Explain the terms "array of pointers" and "pointer to an array" in C.
Q. What is static variable? How it is defined and initialized in a single-file program?
Q. What will be the output from following statements where $a=10, b=5, c=10.5, \mathrm{ch}={ }^{\prime}{ }^{\prime}{ }^{\prime}, \mathrm{y}=20.2, \mathrm{z}=80$
3. printf ("A=\%d\n $B=\% d \backslash n C=\% f ", a, b, c) ; 2$. printf("x=\%c,y=\%f,z=\%d",ch,y,z);
Q. What following statements will do if $\mathrm{s} 1=$ "Good" and $\mathrm{s} 2=$ "Morning". Also write the output.
$\mathrm{N}=\operatorname{strcmp}(\mathrm{s} 1, \mathrm{~s} 2)$;
$\mathrm{L}=\operatorname{strlen}(\mathrm{s} 2)$;
strcpy(s3,s2);
strcat(s1,s2);
printf("string1=\%s $\backslash t$ string2=\%s",s1,s2);
$\operatorname{printf}(" \mathrm{~N}=\% \mathrm{~d} \backslash \mathrm{t}$ Length=$=\mathrm{d}$ ", $\mathrm{N}, \mathrm{L})$;
Q.Write a C program addition and subtraction of two pointer variables
Q. Explain how a union can be declared in C and for what kinds of applications are unions useful?

## OPERATING SYSTEM

FYIT SEM I

## ADDITIONAL ASSIGNMENT

Q. 1. Differentiate between monolithic and microkernel design of OS?
Q. 2. Explain different types of OS?
Q. 3. Explain semaphore with critical section concept.
Q. 4. Calculate average turnaround time and average waiting time by using
a. FCFS
b. Round Robin(Time slice $=3 \mathrm{~ms}$ )
c. SJF

Consider processes $\mathrm{P} 1, \mathrm{P} 2, \mathrm{P} 3, \mathrm{P} 4$ with arrival time $0,1,2,3$ and burst time As 10,5,8,15.
Q. 5. Explain Paging with the help of suitable diagrams.
Q. 6. Explain Structures of File systems.
Q.7. Calculate Page faults by using FIFO, Optimal Search, LRU. Consider a string 7,0,1,2,0,3,0,4,2,3,0,3,2,0,2,3,0,1,7,0,1. Consider Frame size=3.
Q. 8.Explain deadlock prevention in details.
Q.9. Write a note on Deadlock Detection Algorithm.
Q. 10. What are type 1 and type 2 Hypervisors?
Q. 11 What are the different types of services offered in cloud?
Q. 12. Explain steps in RPC operation.
Q. 13. Explain goals of Linux.
Q. 14. Explain different utility programs in Linux.
Q. 15. Explain architecture of Android OS.

## Additional Assignments




The South Indian Association's

## The S.I.A. College of Higher Education

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Accredited B+ by NAAC
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Near Balaji Mandir, Dombivli (East), 421203.
QUESTION BANK- Advanced Learners

## Subject: Microprocessor Architecture

## Class: F.Y.B.Sc.(IT)

## Semester: II

1. Draw and Explain the memory address range of $1 \mathrm{~K}(1024 \times 8)$ memory and explain the changes in the addresses if the hardware of CS line is modified.
2. Explain the functions of ALE and IO/M signals of 8085 with waveforms.
3. Draw architectural block diagram of 8085.
4. Draw and Explain the ALU and flag register of 8085.
5. Explain the different blocks of 8085 microprocessor architecture.
6. Write instructions to load the hexadecimal number 65 H in register C , and 95 Hin the accumulator A. Display the number 65 H at PORT 0 and 95 H at PORT 1.
7. What operations can be performed by using XRA A? Specify the contents and the flag status of Z and CY flags?
8. Write a program to perform following functions
a. 1.Load the number 8 BH in register D
b. 2.Load the number 6 Fh in register C
c. 3.Increment the contents of register C by one
d. 4. Add the contents of register C and D and display the sum at the output PORT 1.
9. Subtract 1 from the contents of the A register without using any address mode whose address contains the number one.
10. Draw and Explain the memory address range of 1 K (1024 X 8) memory and explain the changes in the addresses if the hardware of CS line is modified.
11. What is transparent latch and why is it necessary to use a latch with output devices such as LEDs?
12. Explain bidirectional buffer 74LS245 with diagram.
13. Write instructions to load the hexadecimal number 70 H in register C , and 55 H in the accumulator A.?Display the number 70 H at PORT 0 and 55 H at PORT 1.
14. What operations can be performed by using ORA A? Specify the contents and the flag status of Z and CY flags?
15. Write a program to perform following functions
a. 1.Load immediately the number 01 H in register C
b. 2.Load the number 14 H in register B
c. 3.Decrement the contents of register C by one
d. 4. Add the contents of register C and D and display the sum at the output PORT 1.
16. Write a program to ADD the contents of Memory 6501 and 6502 .Store the result on next memory location.
17. Draw and explain Fetch and Execute cycle in Computer organization?
18. Draw and explain PCI bus with diagram?
19. Add 1 to register A by using five different instructions? Explain each with reference to addressing modes.
20. Subtract 1 from the contents of the A register without using any address mode whose address contains the number one.
21. Write a note on address bus, data bus and control bus.
22. Explain Latch and its need?
23. Features of Microprocessor 8085.
24. Refer internal project and explain atomization.
25. What are tristate devices and why they are essential in bus oriented system?
26. Explain bidirectional buffer 74LS245 with diagram.
27. Draw and Explain decoder 74LS138 with diagram.
28. Draw and Explain encoder 74LS148 with diagram.
29. Draw and Explain the memory address range of 1 K (1024 X 8) memory and explain the changes in the addresses if the hardware of CS line is modified.
30. What is transparent latch and why is it necessary to use a latch with output devices such as LEDs?
31. Explain the functions of ALE and IO/M signals of 8085 with waveforms.
32. Draw architectural block diagram of 8085 .
