## (33) Accounting

## Paper Structure

| I Paper :- | 02 Hours. |
| :---: | :---: |
|  | 30 MCQ and 20 short answered questions. All questions should be answered. 02 marks for each answer. Altogether 100 marks. |
| II Paper :- | 03 Hours. (In addition to that extra 10 minutes are provided as reading time) This paper consists of six questions. First and second questions are compulsory and 20 marks allocated for each. Total marks 40 . Three questions should be selected from other four questions. 20 marks for each. Altogether 100 marks. |

Total Marks : I Paper $=100$
II Paper $=100$
Total Marks $=200 \div 2=100$

## I ชทู๘

## Important :

Answer all questions this paper itself each question carries 02 marks. Total Marks 100.

- Select the correct answer for questions No. 1-30 and write its number on the dotted line.

1. Different interested parties and their interests are given in column $X$ and $Y$ respectively

| Party | Reson for interest |
| :--- | :--- |
| 1. Owners | A - To ensure whether the income tax is paid properly |
| 2. Employees | B - To decide things related to future developments |
| 3. Customers | C - To ensure job security |
| 4. Government | D - To ensure the ability of purchasing goods and <br> services continuously |
| 5. Managers | E - To get a return appropriate for their investments |

Which of the following shows the sequential order of interests of each party if it is arranged according to the interest parties?
(1) B, A, D, E and C
(2) B, C, E, A and D
(3) E, C, D, A and B
(4) E, C, D, B and A
(5) E, D, C, B and A $\qquad$
2. Two transactions occurred in 'Sanhindas business' on 01.04.2018 are as follows.
Cash purchases
Rs. 40000
Credit purchases
Rs. 60000

Which of the following statement shows the correct impact of the above transactions?
(1) Increase of assets Rs. 60000 - decrease of liabilities Rs. 60000
(2) Increase of assets Rs. 60000 - increase of liabilities Rs. 60000
(3) Increase of assets Rs. 100000 - increase of liabilities Rs. 100000
(4) Decrease of assets Rs. 100000 - increase of liabilities Rs. 100000
(5) Increase of equity Rs. 100000 - increase of assets Rs. 100000 $\qquad$
3. Following is an extract of a purchase invoice of 'Thulani PLC'

| Date | Supplier | Value (Rs.'000) |
| :---: | :--- | :---: |
| 05.04.2018 | Paboda PLC <br> Trade discount $10 \%$ | 400 |
|  |  | $(40)$ |
|  | Conditions - <br> month. |  |

The amount relevant for the above transaction was settled by Thulani PLC on 30.04.2018. Which of the following journal entry is correct in recording the above discount?

|  |  | Cr(Rs.) |  | Dr(Rs.) |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
| (1) | Discount allowed account | 36000 | Debtors control account | 36000 |  |
| (2) | Creditors control account | 36000 | Discount received account | 36000 |  |
| (3) | Creditors control account | 40000 | Discount received account | 40000 |  |
| (4) | Discount allowed account | 40000 | Debtors control account | 40000 |  |
| (5) | Creditors control account | 76000 | Discount received account | 76000 | (..........) |

4. Petty cash imprest of a business is Rs. 5000 and at the beginning of each month petty cash imprest is reimbursed. During the month of January and February the chief cashier reimbursed a total of Rs. 7400 to the petty cashier for the two months Seperately.

What was the petty cash balance as at the beginning of the month of January prior to reimbursement if the petty cash balance at the beginning of February was Rs. 600?
(1) Rs. 1800
(2) Rs. 2000
(3) Rs. 2400
(4) Rs. 3000
(5) Rs. 4400
$\qquad$
5. There was a difference in the trial balance prepared as at 31.03 .2018 in Chamod's business. Financial statements were prepared after recording the difference in a suspense account.

The drafted net profit in the income statement was Rs. 140000 . In later examinations the following errors and omissions were found.

* Return outward of Rs. 16000 has been recorded only in the creditors control account.
* Payment of bank loan interest Rs. 4000 has been credited to both interest account and cash account.
* Bad debts written off of Rs. 2000 has not been recorded in debtors control account.

What is the correct net profit and balance existed in the suspense account respectively?

| Correct net profit (Rs.) |  |  | Balance existed in the suspense account (Rs.) |
| :--- | :--- | :--- | :--- |
| (1) | 146000 | Credit | 6000 |
| (2) | 146000 | Debit | 10000 |
| (3) | 148000 | Credit | 10000 |
| $(4)$ | 148000 | Debit | 14000 |
| $(5)$ | 150000 | Credit | 18000 |

6. Balance of the creditors control account prepared as at 31.03 .2018 in Madhawa's business was Rs. 44000 . The total of the creditors list as at the same date was not agreed with the balance of creditors control account. The subsequent investigation revealed the following.

- Cancellation of discount received of Rs. 2000 has been debited to the creditors control account since the cheque was dishonured.
- Discount received of Rs. 5000 has been debited as Rs. 500 in relevant creditor's account.
- A purchase invoice of Rs. 18000 has been accounted as Rs. 8000 in relevant creditor's account.

Balance of the adjusted control account and the total of the creditors list prrior to correction as at 31.03.2018 are respectively?

| $(1)$ | Rs. 42000 | and | Rs. 36500 |
| :--- | :--- | :--- | :--- |
| $(2)$ | Rs. 42000 | and | Rs. 36500 |
| $(3)$ | Rs. 46000 | and | Rs. 38500 |
| $(4)$ | Rs. 48000 | and | Rs. 42500 |
| $(5)$ | Rs. 48000 | and | Rs. 53500 |

(...........)
7. Which of the following accounting concept is related in recognizing motor vehicles which was purchased by a retail business under lease agreement as property plant and equipment in the statement of financial position?
(1) Business entity concept
(2) Prudence concept
(3) Substance over form concept
(4) Matching concept
(5) Money measurement concept
(...........)
8. which of the following is an instance where business can violate the historical cost concept in recording transactions and events?
(1) Measurement of a machine at the recognition according to LKAS - 16 (Property Plant and equipment)
(2) Valuation of inventory under FIFO method
(3) Valuation of year end inventory according to LKAS 2 (Inventories)
(4) Recording employee wages
(5) Purchase of goods on credit with the reselling purpose
(...........)
9. Sanath's business earn income through renting out motor vehicles. Following information was relevant to rented motor vehicles for the year ended 31.03.2018.

| as at 31.03 .2018 | as at 01.04 .2017 |
| :---: | :---: |
| 250000 | 200000 |
| 350000 | 400000 |

Total rent received during the year ended 31.03.2018 was Rs. 1300000
Which of the following is the rent income for the year?
(1) Rs. 110000
(2) Rs. 155000
(3) Rs. 1200000
(4) Rs. 1300000
(5) Rs. 1450000
$\qquad$
10. Following information was extracted from Dinidu PLC for the year ended 31.03.2018.

## Rs.'000

| Trade payables as at 01.04 .2017 | 80 |
| :--- | ---: |
| Trade payables as at 31.03 .2018 | 120 |
| Return outwards | 230 |
| Purchases | 9200 |
| Discount received | 100 |
| Interest paid on late payments | 40 |

Which of the following is the amount paid for trade payables for the year ended 31.03.2018?
(1) Rs. 7700000
(2) Rs. 8790000
(3) Rs. 8870000
(4) Rs. 8970000
(5) Rs. 9200000
11. Randev company sells goods by keeping a $25 \%$ gross profit on cost. Following information relevant for the period from 01.04.2017 to 31.03.2018.

## Rs.'000

Opening inventory - 300
Closing inventory - 250
Purchases - 1200
Custom duties and carriage inwards - 150
Comission on sales - 200
Sales value for the year ended 31.03.2018 is
(1) Rs. 1550000
(2) Rs. 1750000
(3) Rs. 1800000
(4) Rs. 1950000
(5) Rs. 2000000
12. Which of the following statement is false in relation to a not for profit making organization?
(1) A surplus is identified when the income of that business exceeds expenses.
(2) The fund creation by accumulating surpluses of it, is a part of equity.
(3) Membership receivables are identified as assets of the business.
(4) A separate fund can be maintained in a such business for special purpose.
(5) Such business are not maintained their accounts under double entry system.
(...........)

- Use the following information to answer question No. 13 and 14.

The current account of partners for the year ended 31.03.2018 in Chamath and Sudath's partnership is as follows.

Current Account

|  | Chamath | Sudath |  |
| :--- | ---: | ---: | :--- |
| $31.03 .2018 \mathrm{~B} / \mathrm{C} / \mathrm{O}$ |  | $01.04 .2017 \mathrm{~B} / \mathrm{B} / \mathrm{F}$ <br> Salary |  |
| Interest on capital (10\%) |  |  |  |
| Share of profits |  |  |  |

(Rs.)

| Chamath | Sudath |
| ---: | ---: |
| 80000 | 60000 |
| 50000 | 40000 |
| 30000 | 20000 |
| 60000 | 30000 |
| 220000 | 150000 |

13. Which of the following would be the share of profit of Sudath for the year ended 31.03.2018 if this partnership functions according to section 24 of the Partnership ordinance of 1890 ?
(1) Rs. 45000
(2) Rs. 70000
(3) Rs. 90000
(4) Rs. 115000
(5) Rs. 185000
$\qquad$
14. Sahan was joined to the partnership on 31.03 .2018 as a new partner and he invested Rs. 100000 as capital. The goodwill was estimated as Rs. 90000 on that date. Chamath, Sudath and Sahan agreed to share profits and losses equally. They decided not to maintain a goodwill account and to adjust goodwill through capital accounts of partners.
Which of the following shows the correct equity of each partner after admission of the new partner?

|  | Chamath (Rs.) | Sudath (Rs.) | Sahan (Rs.) |
| :---: | :---: | :---: | :---: |
| (1) | 300000 | 20000 | 100000 |
| (2) | 330000 | 200000 | 70000 |
| (3) | 330000 | 230000 | 130000 |
| $(4)$ | 360000 | 320000 | 100000 |
| $(5)$ | 550000 | 350000 | 70000 |

[^0]15. Current Account credit balances of Amal and Kamal partnership as at 31.03 .2018 were as follows.

- Amal (Rs.) 140000
- Kamal (Rs.) 120000

When preparing current accounts for the year ended 31.03.2018 revealed that following transactions were not adjusted. However, income statement of business prepared correctly.
(i) Kamal was paid Rs. 25000 building rent, on behalf of business from presonal cash.
(ii) Amal's annual life insurance premium of Rs. 12000 has been paid by the business.
(iii) Partners salary of Rs. 40000 , for each Amal and Kamal were not recorded in current accounts.

The correct current account balances of Amal and Kamal as at 31.03.2018, after rectifying the above errors are

|  | Amal (Rs.) | Kamal (Rs.) |
| :---: | :---: | :---: |
| (1) | 148000 | 205000 |
| (2) | 168000 | 185000 |
| (3) | 205000 | 123000 |
| $(4)$ | 205000 | 148000 |
| $(5)$ | 205000 | 275000 |

$\qquad$

- Use the following information to answer questions No. 16 and 17.
i The following Information was extracted from the statement financial position of a company. As at 31.03.2018 As at 31.03.2017

| Stated capital - ordinary shares | 4000 | 3000 |
| :--- | ---: | ---: |
| Revaluation Reserve - Land | 500 | - |
| General Reserve | 1200 | 1000 |
| Retained earrings | 2500 | 2000 |

ii Income tax expense for the year ended 31.03.2018 was estimated as $10 \%$ on Profit before tax.
iii Rs. 200000 was paid as dividends for the year ended 31.03.2018 and transfered profit to general reserve from retained earnings during the year.
iv On 31.03.2018 Land was revalued again. It was incurred a deficit of Rs. 300000 in previous year revaluation. All transactions had been recorded correctly.
16. The profit before tax for the year ended 31.03.2018 was
(1) 500000
(2) 810000
(3) 900000
(4) 1000000
(5) 2500000
(...........)
17. Amount to be shown in the other comprehensive income of company for the year ended 31.03.2018 is
(1) 200000
(2) 300000
(3) 500000
(4) 800000
(5) 900000
(...........)
18. Which one is considered as changes in estimates as per LKAS 8 (Accounting policies, changes in Accounting Estimates and Errors)?
A - Useful life time of asset
B - Net Realizable value of Inventory
C - Depreciation method of property plant and equipment
(1) A Only
(2) A and B Only
(3) A and C Only
(4) B and C Only
(5) All A, B and C
$\qquad$
19. Sumudu PLC which is registered for value added Tax (VAT), purchased Rs. 1725000 worth of machine on 01.04.2016. The price inclusive of $15 \%$ VAT. Estimated scrap value and useful life of this machine is Rs. 50000 and 10 years respectively.
Carrying amount of this machine as at 31.03 .2018 as per LKAS 16 (Property, plant and Equipment) is
(1) Rs. 1200000
(2) Rs. 1210000
(3) Rs. 1365000
(4) Rs. 1390000
(5) Rs. 1507500
(...........)
20. The financial statements of Kalana PLC for the year ended 31.03 .2018 were authorized by the directors on 15.06 .2018 . The following events took place in the company from 31.03.2018 to 15.06.2018.

A - A of main production machine which existed on 31.03.2018 was destroyed on 10.05 .2018 was incurred a loss of Rs. 500000
B - Declaration of the bankruptcy of a debtor who had purchased goods on credit on 28/02/2018 by a court of law on 05.04.2018
C - Court order on the payement of employee compensation on 20.04 .2018 for a case which was filed by an employee on 20.03.2018
D - Proposed Rs. 400000 as final dividends to ordinary share holders on 10.06.2018
Adjusting event/s of financial statements for the year ended 31.03.2018 as per LKAS 10 (Events after the Reporting period) is/are
(1) A only.
(2) A and B only.
(3) B only.
(4) B and C only.
(5) C and D only.
(...........)
21. Which of the following items correctly classified under operating, investing and financing activities respectively in accordance with LKAS 07 (Statement of cash flows)?
(1) Cash payment to creditors, purchase of shares, obtaining a bank loan
(2) Receipt of cash from debtors, purchase of shares, receipt of dividends
(3) Receipt of interest income, cash sales, obtaining a bank loan
(4) Cash Purchase, sales of property, plant and Equipment, credit sales
(5) Payment of operating expenses, payment of bank loan, purchase of property, plant and equipment
$\qquad$
22. Following transactions were occured in a limited liability company.

A - Reserved capitalization
B - Made a right issue and all the existing shareholders obtained shares.
C - Transfered part of profit from retained earnings to general reserves.
D - Generated a surplus from buliding revaluation for first time.
Which of the above transactions and events were caused to increase equity?
(1) A and B only
(2) B and D only
(3) C and D only
(4) A, B and D only
(5) All A, B, C and D
23. Current ratio of Sahan PLC as at 31.03 .2018 was $2: 1$. While other factors remain constant, which of the following transaction leads to a 'increase' in this ratio?
(1) Purchase of goods on credit
(2) Cash payment to creditors
(3) Settlement of a non current liability
(4) Goods returned by debtors
(5) Purchase of a motor vehicle on credit for business use.
(...........)
24. Following information extracted from financial statements of Sunamya PLC.

As at 31.03.2018

## Rs.' ${ }^{\prime} 000$

## for the year ended 31.03.2018

6000
Cost of sales
Rs.' 000
Stated ordinary share capital
Retained earnings 4000
2000
Liabilities
Gross profit
16000

Total asset turnover ratio of Sunamya PLC : (Times)
(1) 0.33
(2) 0.5
(3) 1
(4) 1.33
(5) 2
(...........)
25. Which of the following graphs/included unit and total variable costs out of the graphs depict the bahaviour of cost?
(A)


(B)


(1) A, B and C only
(2) A, B and D only
(3) B and C only
(4) B and D only
(5) C and D only
$\qquad$
26. Which of the following cost items, would be classified as overhead cost?

A Salaries of sewing machine operators
B Salaries of security employees of a security firm
C Manager's salary of a furniture manufacturing firm
D Salaries of sales staff of a textile shop
(1) A and C Only
(2) A, B and C Only
(3) B and D Only
(4) B, C and D Only
(5) C and D Only
(...........)
27. The following statements are related to documents of material control of a manufacturing firm.

A - Debit Note is used for returning inventory to stores from manufacturing centers
B - 'Goods Received Note' is issued to stores by an entity at the point of receipt, after checking goods received from suppliers.
C - 'Material Requestion Note' is issued to stores requesting materials by the manufacturing centers.
D - 'Purchase order' is issued to purchase department by stores for informing purchase of materials.
Which of the above statements are correct?
(1) A and B Only
(2) A, B and C Only
(3) A and C Only
(4) B and C Only
(5) All A, B, C and D Only
(...........)
28. The following information relates to raw material of 'PM'

Weekly Average Consumption 40 kg
Weekly Minimum Consumption 30 kg
Re-order quantity $\quad 280 \mathrm{~kg}$
Lead Time 06 weeks to 09 weeks
The Maximum stock Level and Minimum stock level of raw material 'PM' are

| (1) | 360 kg | and | 120 kg |
| :--- | :--- | :--- | :--- |
| (2) | 360 kg | and | 150 kg |
| (3) | 375 kg | and | 180 kg |
| (4) | 550 kg | and | 120 kg |
| (5) | 550 kg | and | 150 kg |

$\qquad$
29. The following information relates to a manufacturing company.

| Purchase Price Per Unit | - | Rs. 125 |
| :--- | :--- | :--- |
| Ordering Cost | Rs. 150 |  |
| Holding Cost Per Unit per annum | $-10 \%$ on purchase price |  |
| Monthly demand | -5000 units |  |

The Economic order quantity (EOQ) of this raw material is (Units)
(1) 800
(2) 1000
(3) 1200
(4) 1500
(5) 1600
(...........)
30. Following information are related to two investment projects namely X and Y considered by a company. Standard pay back period of the firm the 03 years. The company has Rs. 200000 for this investment.

Initial investment (Rs.)
Pay back period (years)
Net present value (Rs.)

Project X
200000
60000

Project Y
200000
2
52000

Following Statements are related with the above projects.
A - Project $X$ is suitable on payback period method
B - Project Y is suitable on payback period method
C - Project $X$ is suitable on net present value method
D - Project Y is suitable on net present value method
E - Both projects are suitable on net present value and pay back period method Which of the above statements are correct?
(1) A and C only
(2) A and D only
(3) B and C only
(4) B and D only
(5) E only

- Provide short answers for questions No. 31-50 on the given space.

31. State the relevant accounting elements of the following ledger accounts.

## Account

## Element

(i) Goodwill
(ii) Accrued Subscription
(iii) Drawings
(iv) Provision for employee compensation
$\qquad$
$\qquad$
$\qquad$
32. Sales journal prepared in Deshan's business for the month of January 2018 is as follows.

Sales Journal

| Date | Invoice <br> No. | Custemer | Value <br> Rs.'000 | VAT <br> Rs.'000 | Total value <br> Rs.'000 |
| :--- | :---: | :--- | ---: | ---: | ---: |
| $01 / 05$ | 434 | Vimukthi | 800 | 120 | 920 |
| $01 / 20$ | 435 | Rahuman | 600 | 90 | 690 |
| $01 / 31$ |  | Post to general ledger | 1400 | 210 | 1610 |
|  |  |  |  |  |  |

Write the journal entry to record the posting sales of January from journal to the general ledger.

## General Journal

| Date | Discription | Debit <br> Rs.'000 | Credit <br> Rs.' 000 |
| :---: | :---: | :---: | :---: |
| ......... |  |  |  |

33. Dumindu PLC is a company which sells motor vehicles and the value of stocks of this company was Rs. 500 million as at 31.03 .2018 . A stock worth Rs. 100 million included in that was estimated to sell at Rs. 75 million due to a technical problem of such vehicles. In order to sell at that price, company has to incur a modification cost of Rs. 15 million.
(a) Calculate the net realizable value of the above stock as at 31.03 .2018 . Rs. $\qquad$
(b) Write the journal entry to record the amount stock written off.

## General Journal

| Date | Description | Debit Million | Credit Million |
| :---: | :---: | :---: | :---: |
| $\cdots$ |  |  |  |

34. The trial balance of Prashan's business as at 31.03 .2018 did not agree and subsequent investigation revealed the following.
(1) Total of the discount column Rs. 6000 of cash payment journal has been credited to both discount recieved account and debtors control account.
(2) Credit purchase of Rs. 50000 from Dulanga has been recorded in his account of creditors ledger as Rs. 500.
(3) Dishonor of a deposited cheque of Rs. 20000 which was properly recorded in the general journal has not been recorded in cash account but this was properly recorded in the debtors control account.

* State on which side of the trial balance the difference was occured and the amount of the difference.
$\qquad$ column value Rs. $\qquad$

35. Following information relevant for the year ended 31.03.2018 of Susil's business.

## Rs.'000

Equity as at 31.03.2018 670
Assets and liabilities as at 01.04.2017
Non current assets 500
Current assets 50
Total liabilities 185
Goods drawings during the year ended 31.03.2018 50
During the year ended 31.03.2018 Susil invested Rs. 140000 as additional capital using his personal bank account.

Profit for the year ended 31.03.2018 is Rs.
36. Gold Motors PLC acquired a motor vehicle worth Rs. 5000000 on 01.04 .2017 from Kelani PLC on a finance lease.
Lease term period is 7 years it is paid with equal installments.
The first installment paid on 31.03 .2018 was Rs. 1000000 (Inclusive lease Interest was of Rs. 120000 )
Lease interest of the second year - Rs. 100000
State the values relevant for the following items that should be disclosed in statement of financial position of Gold motors PLC as at 31.03.2018.

1. Non current liabilities : Rs.
2. Current liabilities : Rs.

Use the following information to answer questions No. 37 and 38.

- It was identified that the sales for the year ended 31.03.2018 and market value of inventories in the ware house as at 31.03.2018 of a business were Rs. 2500000 and Rs. 150000 . In the above calculation, the following factors were not considered.

1. A stock of which the invoice value of Rs. 125000 was sent on sale or return basis during the month of march 2018. No entry was made in relation to this dispatching. Only $50 \%$ of stocks were sold as at 31.03 .2018 selling price was decided by adding $25 \%$ on cost. Allowed time period to return the stock has not been expired.
2. Cost of the stocks as at 31.03 .2018 in the warehouse was Rs. 250000.
3. Sales income which should be recognized in the income statement for the year ended 31.03.2018 is Rs. $\qquad$
4. Closing stock value which should be recognized in the statement of financial position as at 31.03 .2018 is Rs. $\qquad$
5. Following information is relevant to a business which manufactures furniture for three months ended 31.03.2018.

|  | Rs. |
| :--- | ---: |
| Purchase of timber (1000 square feets) | 250000 |
| Paint | 30000 |
| Sand papers | 5000 |
| Carpenter's wages (per furniture) | 1500 |
| Cost of the machine | 800000 |

Useful lifetime of machines is 20 years and no residual value.

There were no material stock as at 01.01 .2018 and the stock as at 31.03 .2018 included 200 square feets of timber. Annual building rent is Rs. 60000.10 square feets of timber is needed to produce an item of furniture.
Calculate the prime cost and production overhead cost for the three months period ended 31.03.2018.

## 1. Prime cost

Rs. $\qquad$
2. Production overhead cost

Rs. $\qquad$
40. Given below is an extract of the statement of financial position of Sashini PLC.

(Rs.'000)


State an accounting concept applied at each point denoted by letters (A), (B), (C) and (D)

| Point | Accounting Concept |
| :---: | :---: |
| A | ----------- |
| B | ----------- |
| C |  |
| D | ---------- |

41. Vidu, Sidu and Mala commenced a partnership business on 31.3.2017 investing total capital as Rs. 1200 000. Current accounts for the year ended 31.03.2018 as follows,

Current Accounts
(Rs.)

| B/B/F <br> Drawings | Vidu | Sidu | Mala | B/B/F <br> Salary <br> Interest on capital Profit shares | Vidu | Sidu | Mala |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | - | 15000 | - |  | 20000 | - | 30000 |
|  | 20000 | - | - |  | 40000 | 40000 | 40000 |
|  | 150000 |  |  |  | 50000 | 40000 | 30000 |
| B/C/D |  | 105000 | 120000 |  | 60000 | 40000 | 20000 |
|  | 170000 | 120000 | 120000 |  | 170000 | 120000 | 120000 |

Calculates the followings:

1. Percentage of Interest on Capital
2. Net Profit of Partnership for the year ended 31.03.2018 Rs.
3. Net assets of partnership as at 31.03.2018 Rs.
4. Mention Five Recognition criterials on Revenue Recognition according to SLFRS 15 (Revenue from contracts with Customers)
5. $\qquad$
6. 
7. 

$\qquad$
.
$\qquad$
4.
5.
43. Renuka PLC issued 400000 ordinary shares at a price of Rs. 25 each during the year ending 31.03.2018. Applications for 500000 shares with the full amount were received. The company allotted the all shares proportionately and excess money was returned to the applicants.
(a) Write the journal entries for the 'Reepts of cash with applications' and "Rejections of excess applications." (Narration is not required)

| Description | Dr. | Cr . |
| :---: | :---: | :---: |
| 1. $\qquad$ <br> (Recipt of application money) | ................ | ................... |
| 2. $\qquad$ $\qquad$ <br> (Retarn of excess money) |  | .................... |

(b) Balance of stated ordinary share capital account as at 31.03.2018: Rs
44. A manufacturing company use the 'First - in - First - out' (FIFO) method to price the raw material item. The following information pertains to a raw material item for the month of March 2018.

| Date | Description | Units | Unit Cost (Rs.) |
| :--- | :--- | :---: | :---: |
| 01.03 .2018 | Balance | 600 | 12 |
| 12.03 .2018 | Purchases | 1000 | 10 |
| 15.03 .2018 | Issued | 800 | $?$ |
| 20.03 .2018 | Purchases | 1000 | 11 |
| 28.03 .2018 | Isuued | 900 | $?$ |

(a) Calculate the cost of issued material value for production for the month of march 2018. Rs. $\qquad$
(b) What is the cost of inventory as at 31.03 .2018 , if weighted average method (WAC) is used for issuing inventories? Rs.
45. The following information relates to employees wages of a company.

- The employer and employee contributions to EPF are $15 \%$ and $10 \%$ respectively.

|  | 31.03.2018 (Rs.) | $\mathbf{0 1 . 0 3 . 2 0 1 8}$ (RS.) |
| :--- | :---: | :---: |
| EPF Payable | 150000 | 125000 |
| Employees Loan account - Saman | 90000 | 100000 |

## Additional Information:

(1) The company has given an interest free loan to Saman on 28.02.2018. First installment of loan has been deducted from the salary of month of march 2018.
(2) It is the practice of the company to pay, the employees salaries and Employee provided Fund (EPF) of each month, during the 5th of the following months.
(3) EPF calculates on Gross salary.

Calculate the followings for the month ended 31.03.2018.
(1) EPF expense

Rs. $\qquad$
(2) Net salary

Rs. $\qquad$
46. The following information relates for a furniture manufacturing company which has two production departments as 'Cutting' and 'Finishing' and a service department of 'Stores'. Overhead cost related with above departments are as follows.

|  | Cutting | Finishing | Stores |
| :--- | ---: | ---: | :---: |
| Manufacturing overhead cost (Rs.'000) | 1450 | 1150 | 100 |
| Working hours | Machine hours 500 | Labor hours 600 | - |

## Additional Information:

(1) Overhead cost of the stores department should be re-apportined between cutting and finishing departments equally.
(2) Prime cost of Almirah is Rs. 9000.
(3) 2 machine hours and 5 direct labor hours are required for production, from cutting and finishing departments respectively.

## Calculate the followings:

(a) Overhead absorption rate.

- $\quad$ Cutting department (Based on machine hours) Rs. $\qquad$
- Finishing department (Based on Labor hours) Rs. $\qquad$
(b) Total manufacturing cost of an Almirah Rs.

47. The following information relates to Biumali PLC.

## Description

Rs. 000

- Profit for the year ended 31.03.2018

1000

- Interim dividend for the year 2018 600
- Stated ordinary share capital as at 31.03.2018 4000
- Retained earnings as at 01.04.2017 3000
- Interest expense for the year ended 31.03.2018 300
- Income tax expense for the year ended 31.03.2018 200

Calculate the followings:
(a) Interest coverage ratio (Times)
(b) Return on equity (based on year - end equity)
48. The Following information relates to 'Assembly' and 'Finishing' departments of Nipuna PLC when produce a single product.

|  | Assembly | Finishing |
| :--- | :--- | :--- |
| - Hours required for producing one unit | 4 machine hours | 5 Direct labour hours |
| - Overhead absorption rate | Rs. 60 Per machine hour | Rs. 10 per Labour hour |

- Prime cost per unit is Rs. 710.
- The company mantains a profit margin of $50 \%$ on manufacturing cost.
- Annual non - manufacturing overhead cost is Rs. 12000000.
- Annual production and sales is 200 units.

Calculate the followings:
(a) Manufacturing cost per unit
(b) Profit/Loss Per unit

Rs. $\qquad$

A certain company produces and sales product ' P ' Total contribution is equal to total fixed cost when selling 32000 units. Rs. 60000 additional fixed cost should be incurred if exceeding 40000 production units. Total fixed cost at the level of 42000 units is Rs. 220000.
$\begin{array}{ll}\text { (a) Total fixed cost of the firm, when producing } 32000 \text { units } & \text { Rs } \\ \text { (b) Profit or loss of prodution and sales of } 50000 \text { units } & \text { Rs }\end{array}$
Rs.
$\qquad$
50. 'Sara Book Publishers' has decided to sell the existing machine, which carrying amount is Rs. 180000 and expected to purchase a new machine. Disposal value of the existing machine is Rs. 150000 . Purchase price of the new machine is Rs. 600000 . The residual value of the new machine after 5 years useful life would be Rs. 100000.
(a) List two cash flow items with value relevant to the evaluation of an investment.
$\qquad$
(b) List two non cash items with value, irrelevant to the evaluation of an investment.
$\qquad$


## (33) Accounting

## Paper II

## Important :

* Answer five questions only, including questions one and two.

1. Diyatha PLC, sells mobile phones and computers. Trial balance prepared as at $\mathbf{3 1 . 0 3 . 2 0 1 8}$ is given below.

| Description | $\begin{gathered} \text { Debit } \\ \text { (Rs.'000) } \end{gathered}$ | $\begin{gathered} \text { Credit } \\ \text { (Rs.'000) } \end{gathered}$ |
| :---: | :---: | :---: |
| Property, plant and equipment - cost | 30000 |  |
| Stocks as at 01.04.2017 | 1000 |  |
| Purchases | 23000 |  |
| Trade receivables ..... | 12200 |  |
| Distribution cost | 1000 |  |
| Administration expenses .. | 3800 |  |
| Other expenses ..... | 550 |  |
| Interest on bank loan.. | 450 |  |
| Salary | 2000 |  |
| Income Tax . | 1600 |  |
| Value added tax (VAT) ....... | 500 |  |
| Dividends ............... | 800 |  |
| Building rent. | 1200 |  |
| 3 months treasury bills ( acquired on 31.03 .2018 ) ................ | 1000 |  |
| Cash ......................................................................................... | 3500 |  |
| Sales |  | 34500 |
| $20 \%$ Bank loan ..................................................................... |  | 2000 |
| Allowance for expected losses on trade receivables ......... |  | 500 |
| Provision for depreciation on PPE-as at 01.04.2017................ |  | 3300 |
| Stated capital- ordinary shares ........................................... |  | 23000 |
| Revaluation reserves- 01.04 .2017 ....................................... |  | 3000 |
| Retained earnings - 01.04.2017 .......................................... |  | 5500 |
| Employee provident fund payables (EPF)-employer con: |  | 200 |
| Trade Payables .......................................................... |  | 4500 |
| Lease creditor .......... |  | 5700 |
| Provision for income tax as at 01.04.2017 (for the year ended 31.03 .2017 ) |  | 400 |
|  | 82600 | 82600 |

## Additional Information:

Before preparation of the financial statements for the year ending 31.03.2018, adjustments have to be made for the following.
(i) The cost and net realizable value of inventory of goods as at 31.03 .2018 were as follows.

|  | Cost (Rs.'000) | Net realizable va |
| :--- | :---: | :---: |
| Computers | 5000 | 6000 |
| Mobile phones | 3000 | 2500 |

(ii) $15 \%$ value added tax (VAT) included in all purchases and sales values.
(iii) Business premises of the company is carrying out in a building which was acquired on rent. Annual building rent is agreed at Rs. 600000 from 01.04.2017 on wards and paid rent for two years at once.
(iv) Rs. 200000 was paid to directors as fuel and telephone allowances for the year ended 31.03.2018 and this has been included in administration expenses. Another Rs. 300000 should be paid for fuel to the directors.
(v) The composition of property, plant and other relevant information are given below.

| Asset | Cost/ <br> Fair valuue as as <br> at 01.04.2017 | Accumulated <br> Depreciation as <br> at 01.04.2017 | Useful <br> life time |
| :--- | :---: | :---: | :---: |
|  | (Rs. '000) | (Rs. '000) |  |

Property, plant and equipment are depreciated on straight line basis. Depreciation has not been provided for the current year.
(vi) Company lands were revalued on 31.03 .2018 for Rs. 10000000 by a professional valuer. A surplus of Rs 3000000 was reported when this asset was revalued for the first time on 31.03.2016 and this is represented by revaluation reserve.
(vii) Company motor vehicle was acquired on 01.04 .2016 on finance lease. This motor vehicle used for the delivery of goods and the lease term is 4 years. Annual lease installment of Rs. 3750000 paid at the end of the year has been debited to the lease creditors's account. Lease interest has not been accounted and lease interest of this year and next two years are as follows.

## Year Lease Interest (Rs. '000)

| $2017 / 2018$ | 900 |
| :--- | :--- |
| $2018 / 2019$ | 600 |
| $2019 / 2020$ | 300 |

(viii) The Company sells goods with an one year sales warranty from this year on wards. It was reliably estimated that Rs. 500000 should be provided for this as at 31.03.2018.
(ix) Employee provident fund (EPF) contributions of employer and employee are $15 \%$ and $10 \%$ respectively. Employer contribution of Employee trust fund (ETF) is 3\% Employer contribution to the above two funds for the entire year was not provided yet.
(x) Rs. 600000 paid for the previous year and payments for the first three quarters of the current year are included in the income tax. The income tax liability of the final quarter of the current year is estimated as Rs. 700000 . This has not yet been adjusted.
(xi) A debtor with a balance of Rs. 200000 as at 31.03 .2018 has been declared bankrupt on 25.04.2018. It is estimated that the allowance for expected losses on trade receivables should be Rs. 100000. The board of directors of the company authorized the financial statement on 15.05.2018.
(xii) Directors decided on 31.03.2018 to create a general reserve using Rs. 2500000 from retained earnings and to pay Rs. 2000000 worth dividends to ordinary share holders.
(xiii) Out of the bank loan balance as at 31.03 .2018 Rs. 500000 should be settled during the year ended 31.03.2019.

## Required:

The following financial statements (including notes) of Diyatha PLC for publication purpose.
(1) Statement of profit or loss and other comprehensive income for the year ending 31.03.2018.
(2) Statement of changes in equity for the year ending 31.03.2018
(3) Statement of financial position as at 31.03.2018
2. (a) A company manufactures and sells a product called ' $x$ '. Variable cost of the product is Rs. 140 Contribution sales ratio is $30 \%$ and present activity level is 1800 units. The total fixed cost is Rs. 90000.

## Required :

(1) Contribution per unit
(2) Number of units at the break even point
(3) Profit or loss at the current activity level
(4) Mark the followings at the current activity level in a sketch of a break-even chart.
(a) Margin of safety in units
(b) sale income
(5) The price at which an unit can be sold to earn a $50 \%$ contribution from selling price.
(05 Marks)
(b) 'Araliya PLC' engaged in manufacturing and selling shoes. It has two cost centers namely assembling and finishing. Information related to manufacturing 100 pairs of shoes for school children during the month of march 2018 are as follows.
(i) Information about raw materials

| Description | Maximum <br> consumption | Minimum <br> consumption | Average <br> consumption |
| :---: | :---: | :---: | :---: |
| Monthly raw material <br> consumption (in units) | 120 | $?$ | 100 |
| Lead time (days) | $?$ | 10 | 15 |


| Date | Description | Quantity <br> (units) | Price per <br> unit (Rs.) |
| :--- | :--- | :---: | :---: |
| $03 / 01$ | Purchase | 1000 | 80 |
| $03 / 10$ | Issues | 800 |  |
| $03 / 15$ | Purchase | 1000 | 100 |
| $03 / 20$ | Issues | 800 |  |
| $03 / 29$ | Purchase | 1000 | 120 |

* There was not a balance of stocks as at $1^{\text {st }}$ of March.
* First - in - first - out (FIFO) method is used for issuing and pricing of products.
* Raw materials issued for the production during the period were used for the production.
(ii) Information about employee salary:

| Name of <br> employee | Job of the employee | Basic <br> Salary <br> (Rs.) | Incentive <br> (Rs.) | Overtime <br> Payment <br> (Rs.) | Welfare <br> Contribution <br> (Rs.) |
| :--- | :--- | :---: | :---: | :---: | :---: |
| Jayalath | Production employee | 30000 | 5000 | - | 1000 |
| Samith | Production employee | 30000 | 5000 | - | 1000 |
| Laksiri | Production office assistant | 23600 | - | 2000 | 1000 |

(iii) Information about production overhead cost:

| Item | Total | Assembling division | Finishing division |
| :--- | ---: | :---: | :---: |
| Indirect wages (Rs.) | 25600 |  |  |
| Indirect material (allocated(Rs.) | 26400 | 11200 | 15200 |
| Electricity-for lighting (Rs.) | 60000 |  |  |
| Rent (Rs.) | 108000 |  |  |
| Floor area (m) | 6000 | 2000 | 4000 |
| Machine hours | 2000 | 2000 | - |
| Labour hours | 2800 | - | 2800 |

* Indirect wages should be equally divided among assembling and finishing departments.
* Production overheads are absorbed based on machine hours in the assembling division and labour hours in the finishing division.
* In order to produce a pair of shoes 2 machine hours and 3 labour hours are spent.


## Required:

(1) Re-order level
(2) Maximum stock level
(3) Cost of raw material consumed
(4) Direct labour cost
(5) Overhead analysis sheet of two divisions
(6) Overhead absorption rate per labour and machine hours
(7) Total production cost of a pair of shoes
3. (a) Saranga Dissanayake has started a transport service called 'Sahana office transport' on 01.01 .2018 by investing Rs. 100 000. Transactions related for the three months ended 31.03.2018 are given below.

01/01 - Payment of Rs 5000 for printing receipts
01/02 - Invested a motor vehicle of Rs. 1200000 which was used by Saranga. It was estimated that salvage value is not available at the end of useful life time is 10 years
02/07 - Incurred a fuel expense of Rs. 10000 for a personal tour of Saranga.
02/10 - Receipt of other income Rs. 50000
03/07 - Vehicle maintenance expense Rs. 20000 (Out of that Rs. 5000 has not yet been paid)
03/31 - Receipt of service income for the first quarter Rs. 600000 Fuel expense for the first quarter is Rs. 200000 and only Rs. 150000 was paid.
03/31 - Paid Rs. 75000 as driver's salary (monthly salary Rs. 25 000)

## Required :

(1) Show the impact of these transactions (with value) in the accounting equation.(Use a format similar to one given below)

| Date | Assets | Liabilities | Equity |
| :--- | :--- | :--- | :--- |
|  |  |  |  |

(2) Income statement for the quarter ended 31.3.2018
(b) (i) The extracts of cash receipts and cash payments journal for the month of March 2018 of Somasudara's business are as follows.

## Cash receipts :

| Date | Description | Cheque No. | Discount Allowed (Rs.) | Value (Rs.) |
| :--- | :--- | :---: | :---: | :---: |
| $03 / 01$ | Sales | 250250 | - | 80000 |
| $03 / 10$ | Receipt - Sisira | 375750 | - | 800 |
| $03 / 28$ | Building rent |  | $\underline{-}$ | 9200 |
|  | Total | $\underline{800}$ | $\underline{\underline{99200}}$ |  |


| Cash Payments : <br> Date |  |  | Description | Cheque No. |
| :--- | :--- | :---: | :---: | :---: |
| $03 / 08$ | Sirimal | 301302 | Discount Allowed (Rs.) Value (Rs.) |  |
| $03 / 12$ | Salary | 301303 | 1500 | 18000 |
| $03 / 20$ | Jayasiri | 301305 | - | 10000 |
| $03 / 28$ | Purchases | 301306 | 2000 | 48000 |
|  | Total |  | $\underline{-3500}$ | $\underline{40000}$ |
|  |  | $\underline{116500}$ |  |  |

(ii) Bank statement send for the month ended 31.03.2018

| Date | Description | Debit <br> (Rs.) | Credit <br> (Rs.) | Balance <br> (Rs.) |
| :--- | :--- | ---: | ---: | ---: |
| $03 / 01$ | Balance | - | - | 25000 |
| $03 / 01$ | Deposit - cheque 250250 | - | 80000 | 105000 |
| $03 / 12$ | cheque - 301303 | 10000 | - | 95000 |
| $03 / 21$ | Deposit - Cash | - | 10000 | 105000 |
| $03 / 29$ | cheque - 301306 | 40000 | - | 65000 |
| $03 / 30$ | Bank charges | 1000 | - | 64000 |
| $03 / 30$ | Deposit (Kumari) 17973 | - | 22000 | 86000 |
| $03 / 31$ | Insurance installment | 6000 | - | 80000 |

(iii) Balances as at 01.03.2018 and extracts of prime entry books for the month of March of Somasundara's business are as follows.

| Description | Sisira | Kumari | Amal |
| :--- | ---: | ---: | ---: |
| Debtors balances as at 2018.03.01 | 15000 | 48000 | 1200 |
| Sale journal | 30000 | 60000 | - |
| Return inwards journal | 800 | 2200 | - |
| General journal (bad debts write off) | 1500 | - | 500 |
|  | Sirimal | Jayasiri | Premasiri |
| Creditors balances as at 2017.04.01 | 30000 | 53000 | 65000 |
| Purchase journal | 20000 | 80000 | - |
| Return outward journal | 7000 | 3000 | - |

## Additional Information:

* Balance as at 31.03.2018 in cash control account was Rs. 16700
* Total of expenses column in the cash payment journal Rs. 10000 has been recorded as Rs. 1000 in the cash control account.
* The bank has informed that the cheque issued on 20.03.2018 was dishonored .Creditor has informed that the discount offered was cancelled.


## Required:

(1) Correct balance of the cash control as at 31.03.2018
(2) Bank reconciliation statement for the month of March 2018
(3) Debtors control and creditors control accounts for the month of March 2018
4. (a) Following transactions and balances were taken from 'Nikethana' business who engaged with buying and selling of 'Art Creations'

Balances as at 01.04.2018
Rs. '000
Cash
Trade payables
Payable VAT
Payable Electricity bill

180601515

Cash payments and credit transactions of the business. during the month of April 2018
04/02 - Payment of Insurance Rs. 10000 (Voucher No: 081, cheque No: 623750
04/03 - Payment of electricity bill Rs. 11000 (voucher No.083, cheque No:623751) Electricity bill relevant for month of April Rs. 6000.
04/06 - Purchase of art creations Rs. 160 000. (Voucher No. 083, cheque No:623752)

04/08 - Credit purchase of Art creations from Lasath Rs. 85 000.Trade Discount Rs. 5000. (Invoice No: 072)

04/15 - Credit purchase of Art creations from Akash Rs. 60 000.T (Invoice No: 073)

04/20 - Discount received Rs. 2 000. when settling a due of Rs. 50000 to Akash. (voucher No: 084, cheque No:623753)

04/25 - Discount received Rs. 3000 , when settling a due of Rs. 80000 to Lasath. (voucher No:085, cheque No: 623754)

## Additional Information:

(1) Above business is registered for VAT and 15\% VAT applicable for purchases and sales.
(2) VAT is not included in above sales and purchases figures.
(3) Total Amount of cash receipt journal as at 30th April 2018 was Rs. 400000

## Requried:

(1) Record the above transactions in the following Journals. (prime entry books)
(i) Cash payment journal
(ii) Purchase journal
(2) The following accounts in the General ledger:
(i) Cash Account
(ii) Purchase Account
(iii) Trade payable Account
(iv) VAT Receivable Account
(10 Marks)
(b) 'Nuwanesa' children Association was established on 01.04.2017, with the objective of improving the reading skills of children.
Monthly subscription per member is Rs. 2000 . Income of the life time membership is recognized as income within 10 years.

* Initial members of the Association was 25 and put of them 10 members are life members.
* During the year 2017/2018, 5 members paid their subscriptions for 10 months and rest of members paid for full year.
* On 01.07.2017 another 10 members joined to the association paying full year subscriptions.
* On 01.10.2017, Rs. 20000 worth of cash and Rs. 50000 worth of furniture were received as donations to association, Furniture should be depreciated $10 \%$ on straight line method.
- Monthly building rent of association is Rs. 1000 and has been paid for 10 months during the period.
- Following payments were made during the year.

For Magazine Rs. 1500
For electricity Rs. 3000
Stationary Rs. 2000

- A magazine was launched to the writing skill of members of the association and printing and other cost were incurred Rs. 5000 . Received Rs. 4000 from Advertisements from sponsors and Rs. 4000 from sales of magazines.


## Required:

(1) Income statement for the year ended 31.03.2018
(2) Extracts of statements financial position as at 31.3.2018 related with subscriptions.
(05 Marks)
(c) Following information related to property, plant and equipment of Jayali Public Limited as at 31.03.2017

| Assets | Cost/ <br> revalued <br> Amount <br> (Rs.'000) | Carrying Amount <br> (Rs.'000) | useful life <br> time (years) | Scrap value <br> (Rs.'000) |
| :--- | :---: | :---: | :---: | :---: |
| Land | 5000 | - | - | - |
| Building | 5400 | 1500 | 40 | 200 |
| Machines | 2200 | 800 | 5 | 200 |
| Motor Vehicles | 1500 | 1080 | 10 | 100 |

- Business is depreciate their all depreciable assets on straight tine method.
- Following transactions occurred during the year ended 31.03.2018
(1) On 01.04.2017 Land was revalued for Rs. 5500 000, A deficit of Rs. 300000 was incurred from a revaluation made before 2 years.
(2) Modification of building was made on 01.04 .2017 by spending Rs. 500000 . Due to this Modification remaining useful life time was increased by 20 years and, scrap value estimation was not changed.
(3) On 01.04.2017 Machine was purchased on a finance leasing and related information are as follows.

| Fair value of machine | Rs. 1200000 |
| :--- | ---: |
| Down payment | Rs. 400000 |
| lease installment | Rs. 300000 |
| Lease period | 4 years |
| Useful life time of machine | 5 years |
| Scrap value of machine | Rs. 200000 |

- Lease interest included in first and second installment were Rs. 160000 and Rs. 140000 respectively. First installment was paid on 31.03.2018.
- Lease installment should be paid at the end of each financial year.


## Required:

(1) Extracts to statement of profit loss and other comprehensive income for the year ended 31.03.2018 using following format.

| Distribution Cost | $\ldots . . . . . . . . . . . .$. |
| :--- | :--- |
| Administration expense | $\ldots . . . . . . . . . . . .$. |
| Other expense | $\ldots . . . . . . . . . . . .$. |
| Finance Cost | $\ldots . . . . . . . . . . . .$. |
| Other comprehensive income |  |
| Land revaluation surplus | $\ldots . . . . . . . . . . . .$. |

(2) Extracts of statement of financial position as at $31 / 3 / 2018$ showing all amounts related to lease liability.
5. (a) Asha, Usha and Esha are carrying out a partnership business agreeing to following conditions.

- Profit sharing ratio among Asha,Usha and Esha 3:2:1 respectively.
- Monthly salary of Asha, Usha and Esha were Rs. 3000 , Rs. 4000 and Rs. 5000 respectively.
- Interest on capital for opening capital balance of partner 5\%

Following account balances were related to partners as at 01.04.2017

|  | Asha (Rs.) | Usha (Rs.) | Esha (Rs.) |
| :--- | :---: | :---: | :---: |
| Capital Accounts | 300000 | 200000 | 100000 |
| Current Accounts | 30000 | 20000 | $(10000)$ |
| $6 \%$ Loan Account | - | - | 100000 |

Draft profit for the year ended 31.03.2018 was Rs. 320000.
When drafting above net profit, following errors and omissions were occurred.
(i) Interest on loan which was given by Esha was not yet adjusted.
(ii) Salary paid for 6 months to partners, was included in employees salaries.
(iii) Business was carried out in Usha's building and monthly rent is Rs. 10000 . Paid rent of Rs. 40000 was entered only in books of accounts.
(iv) A motor vehicle was acquired on 01.04 .2017 by paying Rs. 700000 together with a land having a carrying amount of Rs. 800000 . Exchange value of building exchanged was Rs. 1000000 . Motor vehicles are depreciated $20 \%$ on straight line basis. No entries were made other than recording cash payment made. Depreciation was not adjusted for this motor vehicle.
(v) No entries were made in relation to the goods drawings of Asha, Usha and Esha of during the year ended 31.03.2018 as Rs. 8 000, Rs. 6000 and Rs. 4000 respectively.
(vi) On 31.03.2018 Esha retired from the partnership and goodwill of partnership was estimated as Rs. 240000 , Goodwill should be adjusted through the partners capital accounts. After retirement of Esha, Asha and Usha agreed to continue the business sharing profit and loss equally. It was agreed to maintain the amount payable to Esha as a loan to the partnership. No any records in this regard.

## Required:

For the year ended 31.03.2018,
(1) A statement showing the correct profit of the partnership
(2) Profit and loss appropriation account
(3) Partners current accounts
(4) Partners capital accounts
(b) Following information related to Pabodha manufacturing business for the year ended 31.03.2018
(i) Closing raw material value Rs. 80000 (material 4000 kg )
(ii) Other information related with manufacturing for the year ended 31.03.2018

Purchase of raw materials (materials 50000 kg ) 1000000
Carriage inwards of raw materials and custom duties 200000
Total overhead cost 5050000
Non- manufacturing overhead cost 800000
(iii) 2 kg of raw materials are required to produce one unit.
(iv) One labour hour is required to produce one unit and, Rs. 100 paid for a labour hour.
(v) Other direct expense to produce one unit is Rs. 50.
(vi) During the year 25000 units were produced and 20000 units were sold at a fixed selling price per unit of Rs. 500.
(vii) No opening and closing work in progress.

## Required:

(1) Raw material stock value as at 31.03 .2018
(2) Prime cost during the year ended 31.03.2018
(3) Total manufacturing cost for the year ended 31.03.2018
(4) Manufacturing cost per unit during the year ended 31.03.2018
(5) Profit or loss for the year ended 31.03.2018
(c) A company is considering to acquire a new solar power generating machine of ' A ' for fulfilling the electricity requirement from solar power. Total purchase and installation cost of machine would be Rs. 300000 . Salvage value and useful life time estimations of the machine are Rs. 50000 and 5 years. Existing average annual Operating expenses of company is Rs. 100000 . Estimated average annual Operating expenses including depreciation for the next 5 years and discount rate for $15 \%$ given below.

| Year | 1 | 2 | 3 | 4 | 5 |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Average annual elecricity <br> consumption cost (Rs.) | 70000 | 65000 | 60000 | 60000 | 55000 |
| Discount Factor 15\% | 0.87 | 0.75 | 0.65 | 0.57 | 0.49 |

## Required:

(1) Pay back period of the project
(2) Net present value (NPV) of the project
(3) Recommendation as to selection of the project based on the NPV
(05 Marks)
(Total 20 marks)
6. 'Sunamya' public Limited Company commenced on 01.04 .2017 and it is a tax free company. Following information relates to this company.
(i) Information extracted from statement of financial position as at 31.03.2018.

Rs.'000
Stated capital- ordinary shares (Rs:100 per share) 1000
Total Equity 1200
Current Liabilities 300
Non Current Liabilities ?
(ii) Accounting ratios for the year ended 31.3.2018.

- Gross profit ratio $40 \%$
- Net profit ratio $20 \%$
- Inventory turnover ratio - 4 times
- Total assets turnover ratio - 0.5 times
(iii) During the period dividend payment or reserve transfers were not occurred.


## Required:

Calculate the followings for Sunamya PLC.
(1) For the year ended 31.03.2018

- Net Profit
- Sales
- Earnings per ordinary share
(2) As at 31.03.2018
- Inventory
- Non-current liabilities
(b) The followings information relates to two companies which engaged in sales of electric equipment.
(i) Description

Opening trade receivables
Closing trade receivables
Opening Inventory
Closing inventory
Purchase of inventory during the year
Gross profit ratio on cost

Biumali PLC
Rs.'000
600 400
300
500
8200
20\%

Hiumali PLC
Rs. '000
400
600
400
200
8800
50\%
(ii) All sales and purchase are on credit basis
(iii) Assume 360 days for a year

## Required:

(1) For each company, calculate the following ratios.
(i) Inventory residence period
(ii) Trade receivables turnover ratio
(2) According to the above calculations, in a shorter period, true
(i) The company which sells their inventory
(ii) The company which collects cash from trade receivables
(c) The summerized statement of financial position of Dasun PLC as at 31.03.2018 and 31.03.2017 are given below.
(Rs.'000)

|  | 31.03 .2018 | 31.03 .2017 |
| :--- | ---: | ---: |
| Non- Current Assets |  |  |
| Property plant and equipment | 15800 | 14100 |
| Accumulated depreciation | $(1200)$ | $(800)$ |
|  | 14600 | 13300 |
| Current Assets | 1500 | 1400 |
| Inventory | 1800 | 2000 |
| Trade Receivables | 410 | 510 |
| Cash balance | 18310 | 17210 |
|  |  |  |
| Equity | 9500 | 8000 |
| Stated capital- ordinary shares | 600 | 400 |
| Revaluation reserve | 500 | 1000 |
| General reserve | 1200 |  |
| Retained earnings | 3100 | 10600 |
|  | 2400 | 4800 |
| Non- current liabilities |  |  |
| Bank loan | 13700 | 1750 |
| Current liabilities | 1600 |  |
| Trade payables | 250 | 100 |
| Tax payable | 210 | 110 |
| Finance expense payable | 18310 | 17210 |

Statement of changes in equity for the year ended 31.03.2018
(Rs.'000)

|  | Ordinary <br> shares | Revaluation <br> reserve | General <br> Reserves | Retained <br> earnings | Total |
| :--- | ---: | :---: | :---: | :---: | :---: |
| Balance 01.04.2017 | 8000 | 400 | 1000 | 1200 | 10600 |
| Issue of shares |  |  |  |  |  |
| Reserves capitalization | 1000 |  | $(500)$ |  | 1000 <br> - |
| Total comprehensive income <br> Dividend paid |  | 200 |  | 2100 <br> $(200)$ | 2300 <br> $(200)$ |
|  | 9500 | 600 | 500 | 3100 | 13700 |

## Additional information:

(1) During the year, motor vehicle cost of Rs. 1200000 has been sold for Rs. 500000 with a profit of Rs. 100000 and a new machine was purchased.
(2) During the year, income tax paid was Rs. 125000 and interest paid was Rs. 50000.

## Required:

Statement of cash flows of Dasun PLC for the year ended 31.03.2018 as per LKAS 07(Statement of cash flows).
(10 Marks)
(Total 20 Marks)


[^0]:    (...........)

