



**First Term Exam – 2072**  
**Subject: Accountancy**

**Grade: XII**  
**Time: 3 hrs.**

**F.M.:100**  
**P.M.: 40**

**Set A**

1. What do you mean by financial statement analysis? Write in brief its any three objectives. [1+3=4]
2. What is ratio analysis? Write in brief its any three limitations. [4]
3. What are the types of cost on the basis of cost behaviours? [3]
4. What is time rate system of wages payment and write down its any three merits and demerits. [3]
5. What is centralized store? Write down its advantages and disadvantages. [3]
6. Define the terms ' allocation', 'apportionment' and 'absorption' of overhead. [3]
7. The Trial Balance of a company as on 31<sup>st</sup> December, 2014 is given below:

Particulars	Debit (Rs.)	Credit (Rs.)
10% Debenture		100,000
P/L appropriation A/C		50,000
Equity share capital		2,00,000
Sinking fund		40,000
Tax paid for last year	35,000	
Calls in arrears	20,000	
Provision for tax for last year		45,000
Interim dividend	15,000	

**Additional Information:**

- (i) Net profit for the year Rs. 1,00,000
  - (ii) Transfer of profit into:
    - General reserve Rs. 5,000
    - Debenture redemption reserve Rs. 10,000
  - (iii) BODs decided to pay dividend @ 10% on equity share capital
- Required:** Profit and loss appropriation account [5]

8. The Trial Balance of Jivan Traders as on 31Dec. 2014 year is given below:

Dr.		Cr.	
Particulars	Amount (Rs.)	Particulars	Amount (Rs.)
Opening stock	22,000	Sales	8,50,000
Purchases	4,82,000	Equity share capital	5,50,000
Wages	78,000	Provision for bad debts	10,000
Salaries	38,000	Profit & loss App. A/C	75,000
Prepaid rent	6,000	Sundry creditors	40,000
Income tax paid	15,000	General reserve	7,000
Sundry debtors	47,000	Provision for tax	18,000
Plant and machinery	3,00,000	Overdraft	40,000
Land and building	6,00,000	10% Debenture	2,00,000
Cash at bank	45,000		
Interest on debenture	10,000		
Calls in arrears	50,000		
Stationery and printing	12,000		
Furniture	60,000		
Manufacturing expenses	25,000		
<b>Total</b>	<b>17,90,000</b>	<b>Total</b>	<b>17,90,000</b>

**Additional information:**

- a) Ending inventory was valued at Rs. 50,000.
- b) Manufacturing expenses includes include Rs. 10,000 for the construction of building.
- c) Pre-paid rent was expired Rs. 5,000.
- d) The directors decided to pay a dividend @ 10% to equity shares and transfer to sinking fund Rs.5,000.
- e) Make a provision for income tax @ 40%

**Required:**

- (i) Trading Account
- (ii) Profit & Loss Account
- (iii) Profit and Loss Appropriation Account
- (iv) Balance Sheet

**[3+4+2+6= 15]**

9. The trial balance of a trader, at the end of Chaitra, 2071 was as under:

Debit	Rs.	Credit	Rs.
Fixed assets	35,000	Unearned rent	11,000
Debtors	16,000	Share capital	45,000
Prepaid salary	8,000	Sales	18,000
Purchases	6,000	P/L App. A/C	16,000
Commission	2,000	Provision for tax	20,000
Cash in hand	20,000		
Tax paid	15,000		
Rent expenses	8,000		
<b>Total</b>	<b>1,10,000</b>	<b>Total</b>	<b>1,10,000</b>

**Additional information:**

- Closing stock Rs. 10,000
- Unearned rent of Rs. 1,000 was earned
- Prepaid salary expired Rs. 5,000
- Proposed dividend @ of 10%

**Required:** Adjustment entries and work sheet

[2+ 8=10]

10. Balance Sheet of Super Star Co. Ltd. as on 31<sup>st</sup>Chaitra, 2071 is as under:

Liabilities/Capital	Rs.	Assets	Rs.
Share capital	2,50,000	Fixed Assets	2,50,000
General reserve	40,000	Investment	1,50,000
Retained earning	1,50,000	Cash	1,20,000
10% Bank loan	1,50,000	Sundry debtors	1,00,000
Sundry creditors	50,000	Closing stock	50,000
Bank overdraft	40,000	Preliminary expenses	10,000
<b>Total</b>	<b>6,80,000</b>	<b>Total</b>	<b>6,80,000</b>

**Additional information:**

- Fixed asset turnover ratio : 4 times.
- Gross profit : Rs. 1,00,000

**Required:**

- Sales amount
- Current ratio
- Quick ratio
- Debtor turnover ratio
- Debt-equity ratio

[5×1=5]

11. You are given materials related transactions for the month of Marg:

- Marg 1: Opening stock 600 units @ Rs. 5 per unit  
 Marg 5: Received from vendor 800 units @ Rs. 6 per unit  
 Marg 12: Issued 1,100 units  
 Marg 18: Returned from work place 100 units  
 Marg 22: Purchased 400 units @ Rs. 7 per unit  
 Marg 24: Returned to vendor 50 units.  
 Marg 28: Stock verifier found surplus 10 units.

**Required:** Store ledger under LIFO method.

[5]

12. Following particulars are given to you relating to materials:

- Asoj 1: Beginning balance of materials 1,000 units of Rs. 3 per unit  
 Asoj 5: Received 800 units of Rs. 4 per unit  
 Asoj 11: Returned to vendor 200 units  
 Asoj 15: Issued 1,200 units  
 Asoj 18: Received 2,000 units @ Rs. 5 per unit  
 Asoj 20: Issued 1,500 units  
 Asoj 24: Returned from departments 100 units  
 Asoj 28: Stock verifier found shortage of 50 units

**Required:** Store ledger under FIFO method.

[5]

13. Following are the information relating to materials of a firm:

- Annual requirement : 50,000 kg  
 Cost per kg : Rs.100  
 Carrying cost : 10% of inventory cost  
 (including holding and storing cost Rs. 3)  
 Ordering cost per order : Rs. 100

**Required:**

- Economic order quantity
- No. of order
- Total cost

[2+1+2=5]

14. You are given stock related information:

- Consumption : 3,000 – 4,000 kg.  
 Re-order period : 2-3 days  
 Re-order quantity : 5,000 kg

**Required:**

- Re-order level
- Maximum stock level
- Minimum stock level

[1+2+2=5]

15. Following information are given:  
 Time worked by:  
     Ram : 200 hrs.  
     Hari : 250 hrs.  
 Standard output per hour : 10 units  
 Wage rate per hour : Rs. 20  
**Required:** Total wage payable under piece wage system. [5]

16. The beginning and ending balances of stock and other cost data of a manufacturing company for a year are given below:

Stocks	31-12-2013	31-12-2014
Raw material	Rs. 30,000	Rs. 20,000
Work-in-progress	Rs.10,000	Rs.5,000
Finished goods	500 units	

The information available from the cost records for the year 2014 was as follows:

Purchase of raw materials	Rs. 80,000
<b>Carriage:</b>	
Inward	Rs. 5,000
Outward	Rs. 3,000
<b>Labour cost:</b>	
Direct	Rs. 60,000
Indirect	Rs. 20,000
Other expenses on purchase	Rs.5,000
Other factory expenses	Rs. 20,000
Packing material	Rs. 10,000
Advertising expenses	Rs. 5,000
Sale of scrap	Rs.5,000
Salary	Rs. 20,000
Other administrative expenses	Rs. 25,000
Sales units	4,000 units
Production units	5,000 units
Other selling and distribution expenses	Rs. 3 per unit
Profit	20% on sales

**Required:**

- a) Cost sheet [9]  
 b) Selling price per unit. [1]

17. The following information are related to the production of 500 units in current year.
- |                      |             |                 |              |
|----------------------|-------------|-----------------|--------------|
| Direct material cost | Rs.1,20,000 | Direct wages    | Rs. 80,000   |
| Factory overheads    | Rs. 40,000  | Office expenses | Rs.30,000    |
| Selling expenses     | Rs. 20,000  | Profit          | 20% of sales |
- The company plans to produce 300 units in coming year and estimated that:  
 (i) Wages rate will be increased by 10%.  
 (ii) Amount of office overhead remains unchanged  
 (iii) Selling expenses per unit will remain constant.  
 (iv) Rate of profit is same.

**Required :**

- a) Cost sheet [3]  
 b) Tender sheet [7]

**\*Good Luck\***



First Term Exam – 2072

Subject: Accountancy

F.M.:100

P.M.: 40

Set B

Grade: XII  
Time: 3 hrs.

1. What do you mean by financial statement? Write in brief its any three limitations. [1+3=4]
2. Explain any four limitations of ratio analysis. [4]
3. Explain the types of cost on the basis of elements of product cost. [3]
4. What is piece rate system of wages payment and write down its any three merits and demerits. [3]
5. Define the term 'Classification' and 'codification' of materials with examples. [3]
6. What is overhead? Explain the types of overhead on the basis of controllability.[3]
7. The Trial Balance of Tara Company for the year ended June 30, 2015 is given below:

Particulars	Debit (Rs.)	Credit (Rs.)
8% Preference share capital		2,00,000
Equity share capital		3,30,000
P/L appropriation A/C		60,000
General reserve		40,000
Interim dividend	20,000	
Tax paid	40,000	
Calls in arrears	30,000	
Provision for tax		50,000

**Additional Information:**

- (i) Net profit for the year Rs. 2,50,000
- (ii) Transfer of profit into sinking fund Rs. 25,000
- (iii) BODs decided to pay dividend @ 10% on equity share capital

**Required:** Profit and loss appropriation account

[5]

8. The Trial Balance of Sriram Company as on 31<sup>st</sup>Chaitra, 2071 year is given below:

Dr.		Cr.	
Particulars	Amount (Rs.)	Particulars	Amount (Rs.)
Opening stock	30,000	Net sales	2,00,000
Net purchases	1,00,000	Equity share capital	2,00,000
Book debt	70,000	Reserve for doubtful debts	5,000
Plant and machinery	1,50,000	Profit & loss App. A/C	40,000
Calls in arrears	10,000	Sundry creditors	30,000
Cash and bank	20,000	Sinking fund	10,000
Interest on bank loan	1,000	Provision for tax for 2070	9,500
Wages	40,000	5% Bank loan	40,000
Office salaries	30,000	Interest on investment	500
Rent, rates & taxes	15,000		
Tax paid for 2070	5,000		
5% Investment	10,000		
Marketable securities	30,000		
Preliminary expenses	24,000		
<b>Total</b>	<b>5,35,000</b>	<b>Total</b>	<b>5,35,000</b>

**Additional information:**

- i. Market price and cost of closing stock were at Rs. 1,00,000 and Rs. 1,20,000.
- ii. Depreciate plant & machinery by 10%
- iii. Salary paid for 10 months only.
- iv. Wages include Rs. 10,000 paid for the erection of plant
- v. The directors decided to pay a dividend @ 10% to equity shares and transfer to general reserve Rs.5,000.
- vi. Make a provision for income tax @ 40%

**Required:**

- a) Trading Account
- b) Profit & Loss Account
- c) Profit and Loss Appropriation Account
- d) Balance Sheet

[3+4+2+6= 15]

9. The trial balance of a trader, at the end of Chaitra, 2071 was as under:

Debit	Rs.	Credit	Rs.
Net purchase	40,000	Commission	15,000
Bills receivable	10,000	Overdraft	10,000
Fixed assets	1,33,000	Equity share capital	1,00,000
Office & selling expenses	15,000	Net sales	80,000
Cash & bank	25,000	P/L appropriation A/C	25,000
Wages	12,000	Provision for tax	5,000
<b>Total</b>	<b>2,35,000</b>	<b>Total</b>	<b>2,35,000</b>

**Additional information:**

- Closing stock Rs. 30,000
- Commission includes Rs. 1,000 was received for next year
- Prepaid wage Rs. 5,000
- Proposed dividend @ of 5%

**Required:** Adjustment entries and work sheet [2+ 8=10]

10. Partial Balance Sheet of Super Star Co. Ltd. as on Chaitra 31, 2071 is given below:

Share capital	Rs. 140,000	Reserve fund	Rs. 50,000
Retained earnings	35,000	10% Debenture	1,00,000
Sundry creditors	10,000	Overdraft	50,000
Land & building	1,40,000	Other fixed assets	40,000
Stock	20,000	Debtors	50,000
Cash	30,000	Preliminary expenses	10,000

**Additional information:**

- Sales for the year: cash sales Rs. 2,00,000 and credit sales Rs. 8,00,000
- Cost of goods sold Rs. 7,50,000

**Required:**

- Current ratio
- Liquid ratio
- Stock turnover ratio
- Debt-equity ratio
- Debt to total capital ratio.

[5×1=5]

11. You are given materials related transactions for the month of Jestha:

- Jestha 1: Opening balance of materials 300 units @ Rs. 8 per unit  
 Jestha 5: Issued 100 units  
 Jestha 9: Received from vendor 800 units @ Rs. 9 per unit  
 Jestha 12: Returned to vendor 100 units  
 Jestha 15: Issued 700 units  
 Jestha 18: Returned from work place 100 units  
 Jestha 22: Purchased 600 units @ Rs. 10 per unit  
 Jestha 28: Stock verifier found shortage 10 units.

**Required:** Store ledger under FIFO method.

[5]

12. Following particulars are given to you relating to materials:

- April 1: Opening stock 500 units of Rs. 12 per unit  
 April 5: Received 800 units of Rs. 14 per unit  
 April 11: Issued 1,000 units  
 April 15: Received 700 units @ Rs. 15 per unit  
 April 20: Returned to vendor 100 units  
 April 23: Issued 500 units  
 April 24: Stock verifier found shortage of 50 units  
 April 28: Returned from departments 100 units from the issue of April 23.

**Required:** Store ledger under LIFO method.

[5]

13. Following are the information relating to materials of a firm:

- Annual need : 30,000 units  
 Cost per unit : Rs. 80  
 Carrying cost : 10% of inventory cost (excluding holding and storing cost Rs. 2)  
 Ordering cost per order : Rs. 150

**Required:**

- Economic order quantity
- No. of order
- Total cost

[2+1+2=5]

14. You are given stock related information:

- Consumption : 10,000 – 14,000 units.  
 Re-order period : 2 – 3 weeks  
 Re-order quantity : 8,000 units

**Required:**

- Re-order level
- Maximum stock level
- Minimum stock level

[1+2+2=5]

15. Following information are given:

- Standard time required for one unit: 2 hours  
 Wage rate per unit: Rs. 20  
 Unit produced by:

- Pratap: 500 units.  
 Awatar: 600 units.

**Required:** Total wage payable under time wage system.

[5]

16. The beginning and ending balances of stock and other cost data of a manufacturing company for half year are given below:

Stocks	01-01-2015	30-06-2015
Raw material	Rs. 20,000	Rs. 15,000
Work-in-progress	Rs. 12,000	Rs. 8,000

The information available from the cost records for the half year was as follows:

Raw materials purchase	Rs. 60,000
Carriage on purchase	Rs. 5,000
Direct wages	Rs. 30,000
Salary	Rs. 20,000
Chargeable expenses	Rs. 20,000
Work expenses	Rs. 5,000
Heating & lighting	Rs. 20,000
Administrative expenses	Rs. 10,000
Advertising expenses	Rs. 5,000
Sale of scrap	Rs. 5,000
Indirect wages	Rs. 5,000
Sales units	2,000 units
Production units	1,800 units
Other selling expenses	Rs. 2 per unit
Profit	20% on sales

**Required:**

- a) Cost sheet [9]  
 b) Cost per unit [1]

17. The following information are related to the production of 400 units in 2013 year.

Direct material cost	Rs. 80,000	Direct wages	Rs. 50,000
Factory overheads	Rs. 40,000	Office expenses	Rs. 30,000
Selling expenses	Rs. 5/unit		
Profit	20% of sales.		

The company plans to produce 600 units in 2014 and estimated that:

- i) Materials cost Rs. 150,000  
 ii) Wages rate will be increased by 10%.  
 iii) 40% office overhead is variable  
 iv) Rate of profit is same.

**Required:**

- a) Cost sheet [3]  
 b) Tender sheet [7]

**\*Good Luck\***