

2015

Time : 4 hours

Full Marks : 85

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

*Answer any **five** questions.*

- 1 Briefly discuss the concept and functions of Management.
2. What is Planning? Discuss various steps involved in planning process.
3. What do you understand by MBO? Explain main features, benefits and limitations of MBO.
4. Explain matrix organization. What are its advantages and disadvantages?
- 5 What is training? Discuss various methods of training.

6. "Motivation is the core of Management". Explain.
7. Discuss the comparative studies of Herzberg and Maslow's theory of motivation.
8. Discuss the features of centralization and decentralization in the organization.
9. Discuss the importance of internal selection in the organization.
10. Write short notes on any two of the following:
 - a) Budget
 - b) Delegation
 - c) Leadership
 - d) Recruitment



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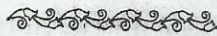
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1. Discuss about the nature and feature of organisational behaviour.
2. How goals in the organisations are set? Explain.
3. Explain about the factors affecting personality of a man.
4. How Vroom's expectancy theory of motivation may be used by managers to motivate their employees? Explain.
5. What are the financial and non-financial incentives that are used in organisations? Discuss.

6. Explain about different styles of leadership adopted by managers in decision making.
7. Discuss about the following concepts:
 - a) Goal Displacement
 - b) Goal changes
 - c) Iron law of Oligarchy
8. What do you mean by organizational effectiveness? Discuss about the 'Goal Attainment' and 'Strategic Constituencies' approach for measuring organizational effectiveness.
9. What do you mean by communication? What are its different types?
10. Write short notes on any two of the following:
 - a) Factors influencing Morale
 - b) Likert's variable for organizational effectiveness
 - c) Role of leaders
 - d) Management by objectives



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1. Define accounting and explain accounting as an information system.
2. Discuss the utility and limitations of management accounting in modern business.
3. Discuss the different types of financial statements and also enumerate its limitations.
4. Explain budget as a tool of management control.
5. What is variance analysis? Briefly explain the different types of cost variances used in the analysis.

6. Standard cost of production of a product is as under:

Time 6 hours per unit

Cost Rs. 4 per hour

Actual cost:

Output 1500 units

Hour taken 7600

Idle time (hours) 400

Total time 8000

Payment made Rs. 40,000

Calculate:

- a) Labour cost variance
- b) Labour rate variance
- c) Labour efficiency variance and
- d) Idle time variance

7. The following information is related to a company:

- a) Margin of safety 20%
- b) P/V ratio 40%
- c) Fixed cost Rs. 150,000

Find out the following:

- i) Sales at BEP
- ii) Actual total sales for the year
- iii) Profit for the year
- iv) Variable cost for the year

8. The capital of X Ltd. is as follows:	in Rs.
9% Pref. shares at Rs. 100 each	60,000
Equity shares of Rs. 100 each	<u>1,60,000</u>
	<u>2,20,000</u>

The accountant has ascertained the following facts:

PAT (after tax @ 60%) Rs. 54,000

Depreciation Rs. 12,000

Equity dividend paid 20%

Market price of equity shares Rs. 400 you are required to calculate the following:

- i) EPS
 - ii) Capitalization ratio
 - iii) Dividend yield on equity shares
 - iv) Net cash flow
 - v) Pref. dividend coverage
9. From the following particulars prepare fund flow statement:

Equity and Liabilities	2014		2015		Assets	2014		2015	
	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
Capital	74,000	74,500	Land and Building	35,000	42,500				
Long term loan	15,000	22,500	Machinery	40,000	43,000				
Creditors	18,000	20,500	Stock	12,500	11,000				
			Debtors	16,500	18,200				
			Cash	3,000	2,800				
	<u>1,07,000</u>	<u>1,17,500</u>		<u>1,07,000</u>	<u>1,17,500</u>				

During the year, drawings by the proprietor for personal use amounted to Rs. 15,000. Provision for depreciation stood at Rs. 13,500 in 2014 and Rs. 18,000 in 2015.

10. Write short notes on any two of the following:

- a) Cost sheet
- b) Break-even analysis
- c) Budgetary control
- d) Cash flow statement



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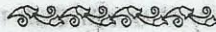
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1. Explain the nature and scope of Managerial Economics.
2. What do you mean by law of demand? Differentiate between individual and market demand with the help of schedule.
3. Analyse critically the various methods of demand forecasting.
4. Explain the concept of law of diminishing returns. Differentiate total product and average product.
5. What do you mean by cost? Explain the relationship between marginal cost and average cost with the help of diagram.

6. Explain 'Break-Even Analysis' and its limitations.
7. Define gross domestic product. Explain different methods to measure the national income.
8. What is business cycle? Describe its various phases.
9. What do you mean by Market? Explain price and output equilibrium of the firm under monopoly.
10. Write short notes on any two of the following:
 - a) Elasticity of demand
 - b) Concept of profit
 - c) Purpose of forecasting
 - d) Perfect competition



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1. What is Fisher's ideal index? Why is it called ideal? Give the reasons.
2. Calculate arithmetic mean from the following data.

Marks	No. of Students
10-20	4
20-30	12
30-40	40
40-50	41
50-60	27
60-70	13
70-80	4
80-90	9

3. What is the formula for coefficient of variation?
Calculate mean and standard deviation from the following data:

Income ('000 ₹)	Workers (No.)
0-2	2
2-4	4
4-6	6
6-8	2
8-10	4
10-12	6

4. Find the inverse of the matrix

$$A = \begin{bmatrix} 1 & -3 & 2 \\ 2 & 5 & -1 \\ -3 & 1 & 4 \end{bmatrix}$$

5. Maximize : $z = 250x + 75y$ by Graphical Method:

Subject to constraints :

$$5x + y \leq 100$$

$$x + y \leq 60$$

$$x \geq 0$$

$$y \geq 0$$

6. In a single throw with two dice, find the probability of getting a sum of (i) five, (ii) six on the two dice.
7. Calculate mean, median and mode of the following data pertaining to marks in Q.T of 80 students in a class.

Marks	No. of Students
0-20	4
20-40	26
40-60	22
60-80	10
80-100	9
100-120	6
120-140	3

8. Compute index number from the following data using Fisher's ideal index formula.

Commodity	Base Year		Current year	
	Qty	Price	Qty	Price
		Rs.		Rs.
A	12	10	15	12
B	15	7	20	5
C	24	5	20	9
D	5	16	5	14

9. Calculate the regression equations of X on Y and Y on X from the following data :

X:	1	2	3	4	5
Y:	2	5	3	8	7

10. Write short notes on any two of the following:

- a) Skewness and Kurtosis
- b) Mean Deviation
- c) Theory of two person zero-sum game
- d) Optimisation problem
- e) Types of Correlation

