

SCHOOL OF DISTANCE EDUCATION: ANDHRA UNIVERSITY
Executive MBA 1st Year
ASSIGNMENT QUESTION PAPER for supplementary students

Answer all the Questions not exceeding FOUR pages each answer

PAPER-I: MANAGEMENT PROCESS AND BEHAVIOUR

Answer all the Questions

(20 Marks)

Assignment 1

1. Explain the functions of management.
2. Write about Management By Objectives (MBO) in detail.
3. Define Communication. Explain the models of interpersonal communication.
4. What are the principles of Learning?
5. Describe force field analysis and its relationship to Lewin's change model.

Assignment 2

1. What do you mean by Business Ethics? What is the procedure to manage ethics in business?.
2. Define Coordination. What is the need of coordination in an organization?
3. Write about different leadership styles. Suggest a leadership style which is suitable for present organization?
4. What are the determinants of Personality?
5. Define organizational conflict. What are the sources of organizational conflict?

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PAPER-II: QUANTITATIVE TECHNIQUES FOR MANAGERIAL DECISIONS

ASSIGNMENT No.: 1

5x4-20 Marks

Answer all the Questions

Q 1 (a) Elucidate about the Permutations and Combinations

(b) In how many ways can 4 white and 2 black balls be selected from a box containing 20 white and 15 black balls?

Q 2 (a) (i) Concept of differentiation

(ii) Concept of integration

(b) (i) Find the extreme values of the function $2x^3 + 3x^2 - 30x + 10$

(ii) Evaluate $\int \frac{8x^2}{(x^2 + 2)^3} dx$

Q 3(a) Briefly describe the Correlation Analysis

(b) Calculate the coefficient of correlation by Karl Pearson's method:

X	6	2	10	4	8
Y	9	11	?	8	7

Arithmetic means of X and Y are 6 and 8 respectively.

Q 4 (a) Bernoulli Distribution.

(b) A set of 5 coins is tossed 3200 times and the number of heads appearing each time is noted. The results are given below:

No of heads	0	1	2	3	4	5
Frequency	80	570	1100	900	500	50

Test the hypothesis that the coins are unbiased.

Q 5 (a) Write the Properties of t-distribution.

(b) Prices of shares of a company on different days were found to be 68, 66, 69, 70, 69, 71, 70, 63, 64 and 68. Discuss whether the price of shares be 65. (the table value of $t = 2.262$)

ASSIGNMENT No.: 2

Answer all the Questions

Q 1 (a) Write the Rules of Differentiation.

- (b) (i) If the demand function of a monopolist is $p=15-2x$ and the total cost function is $C = x^2 + 2x$, find out the maximum profit.
(ii) Evaluate $\int e^x (\tan x + \sec^2 x) dx$

Q 2 (a) Poisson Distribution

- (b) The number of defects in a sample of 330 units of a manufactured product was found as follows:

No of defects	0	1	2	3	4
Number of Units	214	92	20	3	1

Fit a Poisson distribution to the data and test the goodness of fit.

Q 3(a) Proportion of Successes.

- (b) A machine produced 20 defective articles in a batch of 400. After overhauling, it produced 10 defective articles in a batch of 300. Has the machine improved?

Q 4 (a) Test of Goodness of fit.

- (b) In a survey of 200 boys of which 75 were intelligent, 40 had educated fathers, while 85 of the unintelligent boys had uneducated fathers. Do these figures support the hypothesis that educated fathers have intelligent boys?
[Table value of χ^2 is 3.841]

Q 5 (a) F-test

- (b) Two independent samples of sizes 9 and 8 give the sum of squares of deviations from their means as 100 and 91 respectively. Can the samples be regarded as drawn from the normal population with equal variances? [F-values (8, 7) = 3.73; (7, 8) = 3.5]

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PAPER-III: BUSINESS ENVIRONMENT
Answer all the Questions

(20 Marks)

Assignment 1

1. Discuss the impact of economic environment on business
2. What are the causes of industrial sickness in India?
3. Discuss the different strategies of business planning
4. Explain the meaning, objectives and types of trading blocks.
5. What are the recent developments in financial sector reforms in India?

Assignment 2

1. Give an critical account of the role and functioning of WTO.
2. Elucidate the structural dimensions of Indian economy.
3. Explain the importance of regulatory framework in business.
4. Discuss the Government policy on foreign capital and foreign collaboration in present scenario.
5. Discuss about Industrial policy 1991.

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PAPER-IV: ACCOUNTING FOR MANAGEMENT

Answer all the Questions

Assignment 1

(20 Marks)

1. Briefly explain the accounting concepts and Generally accepted accounting principles governing the preparation of financial statements.
2. What do you mean by financial statements? How to prepare and analyse a Balance sheet
3. Define Marginal Costing. Explain the managerial applications of marginal costing in a business enterprise.
4. What do you understand by Differential Costing? What are the managerial applications of differential Cost Analysis? Explain.
5. What is meant by budgetary control system? Explain in detail the classification of budgets according to
 - i) Time
 - ii) Functions
 - iii) flexibility

Assignment 2

1. Discuss the main objects, limitations and methods of preparing a Trial Balance.
2. What is common size balance sheet and income statement? Explain the technique of preparing the common-size balance sheet.
3. From the following data, you are required to calculate:
 - i) P/V ratio
 - ii) Break-even sales with the help of P/V ratio
 - iii) Sales required to earn a profit of Rs.45,000Fixed expenses = Rs.90,000
Variable cost per unit:
Direct Material = Rs.5
Direct labour = Rs.2
Direct overheads = 100% of Direct labour selling price per unit-Rs.12.
4. The Standard materials required for producing 100 units is 120 kgs. A standard price of 0.50 paise per kg is fixed and 2,40,000 units were produced during the period. Actual materials purchased were 3,00,000 kgs at a cost of Rs.1,65,000.

Calculate:

- i) Material cost variance
 - ii) Material price variance
 - iii) Material usage variance
5. What do you understand by “Zero Based Budgeting”? Discuss the merits and demerits of zero base budgeting.

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PAPER-V: MANAGERIAL ECONOMICS

Answer all the Questions

(20 Marks)

Assignment 1

1. Discuss the nature and scope of Managerial Economics.
2. Define Production function. Explain production function with two variable inputs.
3. What is Perfect Completion? Explain price output determination under perfect competition.
4. Explain behavioural theories of the firm.
5. What do you mean by Business cycle? Explain its phases.

Assignment 2

1. What do you mean by Demand? Explain Demand function.
2. Explain cost-output relationship in short-run and long-run.
3. Explain various methods of pricing with examples.
4. What is Wealth Maximization? How it is different from profit maximization?
5. How do you control inflation through Fiscal measures?

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PAPER-VI: MANAGERIAL COMMUNICATIONS
Answer all the Questions

(20 Marks)

Assignment 1

1. Describe the importance of feed back in managerial communication.
2. Explain the merits and demerits of formal and informal communication.
3. Discuss the Barriers of communication.
4. Explain the steps involved in making presentation.
5. What are the essentials of an Effective report?

Assignment 2

1. Explain Cross Culture communication in the context of International Business Cultures.
2. Explain the methods of Inter-personal communication.
3. Explain different kinds of meetings. How do you solve problems in meetings?
4. Describe the impact of Technology in Business communication.
5. Explain the different types of reports.

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PAPER-VII: HUMAN RESOURCE MANAGEMENT

Answer all the Questions

(20 Marks)

Assignment 1

1. Explain the qualities and qualifications necessary for a HR Manager.
2. Define Selection. Discuss the steps in Scientific Selection Process.
3. What is compensation? Explain principles of wage administration.
4. Define Industrial relations and Explain the factors influencing Industrial relations.
5. What are the causes influences in the employees participation in management and its significances?

Assignment 2

1. What do you mean by environment in the context of HRM? Explain how it affects HRM policies.
2. Describe the Techniques and limitations of performance appraisal.
3. Explain about employees Incentives and Benefits.
4. Define Industrial Dispute. Describe the preventions and settlement of Disputes.
5. What is Collective bargaining? Explain the process of collective bargaining in Indian business organisation.

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PAPER-VIII: MARKETING MANAGEMENT

Answer all the Questions

(20 Marks)

Assignment 1

1. Explain different Components of Marketing Environment.
2. What is meant by Marketing Segmentations? What are the criteria of successful Market Segmentation?
3. Explain about product life cycle and its stages.
4. Explain the advantages and disadvantages of various components of product promotion.
5. Describe about Distribution. Explain the factors that affect the choice of channel of distribution.

Assignment 2

1. Explain the role of marketing in organization and the role in a developing economy.
2. Write about the types of market research and its applications
3. What is product mix? Explain the elements in product mix with examples.
4. Explain the importance of pricing and write about different pricing strategies.
5. Explain the selection procedure of channel members.

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PAPER-IX: FINANCIAL MANAGEMENT

Answer all the Questions

Assignment 1

(20 Marks)

1. Define Financial Management also explain finance functions.
2. What are the objectives of ratio analysis? Explain the managerial uses of BEP.
3. Explain traditional and DCF techniques of investment appraisal?
4. Explain the various factors which influences the dividend decision of a firm.
5. Describe the need and determinants of working capital in a business.

Assignment 2

1. What is Financial Planning? Explain its types and estimation of financial requirements?
2. From the following data, state which project is better

Project (Cash flows year)	A (Rs.)	B (Rs.)
0	-10,000	-10,000
1	4000	5000
2	4000	6000
3	2000	3000

Risk less Discount rate is 5%. Project A is less risky as compared to project-B. The management consider risk premium at 5% and 10% respectively appropriate for discounting the cash inflows.

3. KK Ltd. Company is thinking of buying an equipment for Rs.5,00,000. The equipment is expected to produce each year 20,000 units, 25,000 units 30,000 units and 18,000 units of Product X over its estimated life of four years. The price per unit is Rs.30, which is expected to increase by 5 percent per year after the first year. The cost of production per unit is first year is Rs.20 and is likely to increase by 10 percent each year. The general rate of inflation is 8 percent. The market determined cost of capital is 10 percent. The company tax rate is 50 percent. Assume that Depreciation can be charged on the straight line basis for computing taxes should the equipment by bought?

4. Ramkhee Limited earns Rs.8 per share, capitalization rate of 10% and has a return on investment at the rate of 20%. According to walter's model. What should be the price per share at 30% dividend payout ratio? Is this the optimum payout ratio as per walter?

5. From the following detail estimate the amount of working capital within 10% safety margin:

i)	Average amount locked up for the stocks	
	Stock and materials	Rs. 10,000
	Finished goods	7,000
ii)	Average credit given	
	Inland sales – 6 weeks credit	Rs.5,20,000
	Export sales – 1 ½ weeks credit	Rs.80,000
iii)	Lag in payment of out goings:	
	Wages – 1 ½ weeks	Rs.5,00,000
	Stores – 1 ½ weeks	Rs.58,000
	Rent – 6 months	Rs.10,000
	Manager – ½ month	5,200
	Clerical staff – ½ month	68,500
	Other – 1 ½ months	32,000
iv)	Payment in advance	
	Sunday expanses	
	(Paid Quarterly in advance)	Rs.12,000
v)	Undrawn profits	Rs.14,000

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PAPER-X: OPERATIONS MANAGEMENT

Answer all the Questions

(20 Marks)

Assignment 1

1. What are the objectives of operations management and explain the types of manufacturing system with suitable examples?
2. Explain Gantt Chart with examples
3. What is Facility Location? What are the factors affecting.
4. What is Work Study? Discuss various Techniques, stages involved in work study.
5. Define Economic order quantity. Explain KANBAN system for inventory management..

Assignment 2

1. Explain the role of production and operations managers.
2. Define Maintenance. Distinguish between preventive maintenance and break down maintenance
3. Explain various material handling systems and factors impact.
4. Define Productivity. Explain major factors affecting productivity also explain Engineering and Behavioural approaches.
5. Explain the concept of ISO. What is the procedures to register ISO certification?