ANDHRA UNIVERSITY
SCHOOL OF DISTANCE EDUCATION
ASSIGNMENT QUESTION PAPER 2019-2020

MBA First Year of Three Year / P.G. Diploma in Management
Answer ALL Questions
Paper - I : MANAGEMENT PROCESS AND BEHAVIOUR

(20 Marks)

Assignment - I

1.   Explain in detail the fundamental principles of Management? Also explain the advantages of scientific management?

2.   Explain the steps in planning process. What makes planning ineffective?

3.   Define Organisation. Explain the main features of formal and informal organisations.

4.   Discuss the emergence and the role of organisational behaviour in an organisation.

5.   What do you mean by planned organisational change? Give reasons for organisational change

Assignment - II

1.   Explain human relations approach to management? Also discuss its relevance to the present organisational computerized environment?

2.   "Effective decisions make management tasks easy" — Discuss. Also list the steps involved in decision-making.

3.   What is Direction? Discuss in detail about Managerial Grid.

4.   "Theory X and Theory Y are concerned with the nature of the people". What are its implications?

5.   Explain the various types of OD interventions in detail. What are the advantages of OD?

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Paper - II : QUANTITATIVE TECHNIQUES FOR MANAGERIAL DECISIONS

(20 Marks)

Assignment - I

1. If $A = \begin{bmatrix} 1 & 2 & -3 \\ 2 & 3 & 2 \\ 3 & -3 & -4 \end{bmatrix}$ Find A^{-1}. Hence solve the system of equations

    $x + y - 3z = -4,\ 2x + 3y + 2z = 2,\ 3x - 3y - 4z = 11.$

2. Find Mean, Median and Mode for the following data.

Class Interval	7-10	11-14	15-18	19-22
Frequency	7	24	77	98

Class Interval	23-26	27-30	31-34	35-38
Frequency	103	56	14	3

3. (i) A, B, C are aiming to shoot a ballon. A will succeed 4 time out of 5 attempts.

    The chance of B to shoot the ballon is 3 out of 4 and that of C is 2 out of 3. If the three aim the balloon simultaneously, the find the probability that atleast two of them list the ballon.

    (ii) State and prove conditional probability theorem.

4. (i) Two types of new cars produced in USA are tested for petrol mileage, one sample is consisting of 42 cars averaged 15 kmpl while the other sample consisting of 80 cars averaged 11.5 kmpl with population variances as $\sigma_1^2 = 2$ and $\sigma_2^2 = 1.5$ respectively. Test whether there is any significant difference in the petrol consumption of these two types of cars.

    (ii) In a sample of 1000 people in Karnataka 540 are rice eaters and the rest are wheat eaters. Can we assume that both rice and wheat are equally popular in this state at 5% level of significance.

5.   From the following information, state whether the two attributes i.e., condition of and condition of child are independent

Condition of House

Condition of Child	Clean	Dirty
Clear	69	51
Fairly clean	81	20
Dirty	35	44

Assignment - II

1.   (i) If $y = log\left[\dfrac{1+\sqrt{x}}{1-\sqrt{x}}\right]$. Find $\dfrac{dy}{dx}$.

(ii) Evaluate $\int x^2 e^{-x}\ dx$.

2.   Find the correlation coefficient of the following data. Is the value of r significant or not?

Marks in AFM	45	70	65	30	90	40	50	75	85	60
Marks in QT	35	90	70	40	95	40	60	80	80	50

3.   (i)   Ten coins are thrown simultaneously. Find the probability of getting at least.

(i) Seven heads   (ii) Six heads

(ii)   A manufactures knows that the condensers he makes contain on average 1% defectives. He packs them in boxes of 100. What is the probability that a box picked at random will contain 3 or more faulty condensers.

4.   A group of 5 patients treated with medicine A weigh 42,39,48,60 and 41 kgs. Second group of 7 patients from the same hospital treated with weigh 38,42,56,64,68,69 and 62 kgs. Do you agree with the claim that medicine B increase the weight significantly.

5.   Test whether the average life-time of the three brands of tyres are equal or not.

A	B	C
35	30	28
40	25	24
33	34	30
36	28	26
31	33	

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Paper - III : BUSINESS ENVIRONMENT

(20 Marks)

Assignment - I

1. Define Business Environment? Discuss various dimensions of Business environment.

2. Explain the major characteristics of present Indian Economy? What are the suggestions from your end to improve business?

3. Enumerate the regulatory framework to promote business in India?

4. What do you mean by External Sector? What are the chief features of India's Foreign Trade?

5. Discuss the chief features of India's LPG reforms?

Assignment - II

1. What is Socio-Cultural Environment? Explain its impact on the organisations.

2. In which five-year plan the concept of public sector was introduced? Discuss the major objectives of public sector?

3. What are various policies adopted in Indian business environment? Discuss.

4. Define Foreign Capital? Evaluate government's guidelines for foreign capital in Indian business?

5. What do you mean by Fiscal Reforms? Compare and contrast economic reforms and Fiscal reforms in India.

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Paper - IV : ACCOUNTING FOR MANAGEMENT

(20 Marks)

Assignment - I

1. Explain the accounting concepts of periodic matching of expenses and revenues.

2. What is a Common size financial statement'? Discuss its scope and usefulness.

3. Define Managerial Costing. Discuss in detail Cost-Volume-Profit Analysis.

4. In what ways Variance analysis is helpful to company management? Explain.

5. What is performance Budgeting'? Enumerate the step in performance Budgeting and its usefulness.

Assignment - II

1. What is a journal? How do you enter the transactions into the journal? Explain with examples.

2. What is the need for financial analysis? Explain how the balance sheet shows the firm financial position?

3. The Premier Processing Factory carries out 10 batches of production in a year with 1,000 kegs, of raw material M per batch of production and after processes recovers 5 joint products, products A, B, C and D and a gas G. The following details are available:

	Rs.
Plant and Machinery (net)	80,000
Land and buildings	40,000
Other Assets	30,000
Cash, Stock and Debtors	70,000
Current Liabilities	20,000

Products	Production (per l000 kgs of M)	Unit Selling price Rs.
A	50	30
B	200	25
C	100	40
D	300	15
G	2500 litres	2

Processing Cost (conversion cost) is estimated at Rs. 6,410 per batch, material handling charges at Rs. 680 per 1,000 kgs of M and selling and distribution expenses at 10% of cost of sales. The factory works on a 10% return on investments.

One per cent of the raw material is retrieved at the end of the process at original cost (without handling charges) and is used for the next batch of production. The balance of raw material unaccounted for is invisible waste.

Work out the purchase price per kg. of M in order to achieve the above result and compute the unit cost of sales of each of the joint products based on their sales value.

4. The ABC company is currently operating at an annual production volume of 75,000 direct labour hours. Its annual operating capacity which cannot be exceeded is 10,00,000 direct labour hours. Recently a private brand distributor has offered to but 100,000 units of the company's product at .a special price of Rs. 10.50 per unit. The regular selling price is Rs. 12.90 per unit. The standard cost sheet for one unit of the product appears as follows :

Materials - 6 Kg @ 0.40 per   Kg Rs. 2.40

Direct labour - 2 hours @ Rs.2.50 per hour   Rs. 5.00

Overhead :

Variable - 2 hours @ Rs. 0.75   Rs. 1.50

Fixed - 2 hours @ Rs.1.20   Rs. 2.40

                                Rs. 11.30

(i) Would it be possible for the company to accept the offer?

(ii) Would your answer be different of the offer called for 2,50,000 units of the product in place of 1,00,000 units? Why?

5. A limited company is to be incorporated to take over a running business. It is proposed to raise Rs. 50 lakhs by issuing equity .shares and balance of capital required in first six months is to be financed by a financial institution. The later is to be given 8 percent debentures to the nearest Rs. 1 lakh above the amount required, secured on fixed assets. Initial investment consists of:

Freehold premises   Rs. 20 lacs

Plant   Rs. 8 lacs

Stock   Rs. 5 lacs

Motor vans and other items   Rs. 6 lacs

Payments on account of above items are to be made in the month of incorporation. Estimate of transactions for the first 6 months commencing from July are given below

Sales : July— Rs. 12.50 lacs, August -Rs. 15.00 lacs, September - Rs. 18.00 lacs, October -Rs. 22.00 lacs,. November - Rs, 23.00.lacs, and for each of the next three

months. Rs. 24.00 lacs. Gross profits on sales to be at the rate of 20 per cent.

Debtors: to get two month's credit.

Creditors: to be paid at the end of the month following the month of purchase.

Expenses:

(i)   Preliminary expenses Rs. 50,000 to be paid in August;

(ii)   General expenses Rs. 40,000 per month payable at the end of each month;

(iii) Wages and salaries payable on the first day of next month, Rs. 70,000 for each of first three months and Rs. 85,000 per month thereafter.

Assume that shares and debentures are issued on 1st July. Draw up a cash budget and budgeted final accounts up to 31st December, and Balance Sheet as on that date.

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Paper - V : MANAGERIAL ECONOMICS

(20 Marks)

Assignment - I

1. What is a demand function? Explain the mechanism of demand function?

2. Explain different theories of Production? Also explain main components of demand function.

3. What are the objectives of Pricing? Explain the methods of pricing?

4. What is Firm? Discuss the Economic theory of Firm?

5. What do you mean by Money Policy? Discuss the impact of monetary policy on a firm?

Assignment - II

1. Describe the methods of demand forecasting.

2. What is Isoquant Curve? What are its advantages and disadvantages to a firm?

3. What is monopolistic competition? Compare and contrast monopolistic and monopoly competitions.

4. What is Behavioural Theory of a Firm? What are its advantages of a firm?

5. What is a Fiscal Policy? Explain main differences between Monetary Policy and Fiscal Policy?

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Paper - VI : MANAGERIAL COMMUNICATIONS

(20 Marks)

Assignment - I

1. Define communication. Discuss the role of communication in present day business.

2. How can listening improve employee-employer relationship?

3. Examine the need and significance of Inter-Personal communication.

4. Outline various barriers of communication and suggest, measures to overcome those barriers.

5. Write in brief about technology based communication tools in business.

Assignment - II

1. What are the advantages of written communication? Are there any disadvantages?

2. Discuss the media used in business communication.

3. What is formal communication? Explain in detail.

4. Discuss various communication styles in organisation.

5. Give a brief note on formal and informal reports.