

IS-M. Com(CBCS)
DDCE — I (MCP)

2014

Time : As in Programme

Full Marks : 70

The figures in the right-hand margin indicate marks.

Answer from all the Sections as per direction.

Section – A

Answer any three questions of the following :

$$12 \times 3 = 36$$

1. Describe the concept of management ? Highlight on the common features and the process of management in an organization.
2. Write the concept of planning and enumerate various components and the process of planning.
3. Narrate, with example, the different bases of departmentation.

4. Coordination is necessary but problems are many, explain with a note on how to make it more effective.
5. Describe the recent trends in management and narrate the role of manager to manage the same.
12. Discuss the objective of centralization.
13. What is Organization ? What are its characteristics ?
14. What is span of management ? What are the factors affecting the span ?

Section – B

Answer any **three** questions of the following :

$$8 \times 3 = 24$$

6. Describe the types of decision-making.
7. Compare and contrast between Line Organisation and Line and Staff Organization.
8. Distinguish between formal and informal group.
9. Write down the process of MBO.
10. Discuss the 14 Principles of Management.

Section – C

Answer any **two** questions of the following :

$$5 \times 2 = 10$$

11. What is Matrix Structure ?

EA - 29/2

(2)
Contd.

EA – 29/2 (700)

(3)

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Section – A

Answer any three questions within 700-1000 words each of the following : $12 \times 3 = 36$

1. Define statistics and state whether statistical methods are likely to be of any use to a business firm. Discuss functions and limitation of statistics.
2. Find optimal transportation cost from the following information :

Source	Destination			Supply
	D ₁	D ₂	D ₃	
S ₁	12	17	14	5
S ₂	13	13	17	8
S ₃	15	14	11	7
S ₄	11	16	12	14
Demand	7	9	18	

EA – 30/5

(Turn over)

3. Find the assignment of salesman to district that will result in maximum sales :

Salesman	District				
	A	B	C	D	E
1	32	38	40	28	40
2	40	24	28	21	36
3	41	27	33	30	37
4	22	38	41	36	36
5	29	33	40	35	39

4. Calculate seasonal indices by the ratio to moving average method from the following data :

Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
2011	78	72	71	73
2012	75	68	76	71
2013	78	73	73	77

8. Using matrix, solve the following equation :

$$2x - y + 3z = 9$$

$$y - z = -1$$

$$x + y - z = 0$$

6. What do you mean by Classification and Tabulation ? Explain the importance of Classification and Tabulation.
7. If $A^{-1} = \begin{pmatrix} 7 & -3 & -3 \\ -1 & 1 & 0 \\ -1 & 0 & 1 \end{pmatrix}$, then find matrix A.
8. Using matrix, solve the following equation :
- $2x - y + 3z = 9$
- $y - z = -1$
- $x + y - z = 0$
9. A factory has two machines. Past records shows that Machine – 1 produces 40% of the items of output and Machine – 2 produces 60% of the items. Further 6% of items produced by Machine – 1 were defective and only 2% produced by Machine – 2 were defective. If a defective item is drawn at random, what is the probability that the defective item was in Machine – 2 ?

EA – 30/5 (2) Contd.

EA – 30/5 (3) (Turn over)

10. The information about advertising and sales are given below :

	Adv. Exp	Sales (in Rs. Lakh) (in Rs. Lakh)
Mean	15	95
Standard deviation	8	20

HM.

Correlation = 0.7

- (a) Calculate two regression equations.
(b) What should be the advertisement expenditure, if the company wants to attain sales target of Rs. 125 lakhs ?

Section - C

Answer any two questions within 300 words each of the following :
 $5 \times 2 = 10$

11. What do you mean by L. P. P.? Explain its advantages and applications.
12. What are the basic differences between correlation and regression and also explain utility of regression analysis?

EA - 30/5 (4) Contd.

13. The mean and standard deviation of 20 observations were 20 and 5 respectively. Later on it was found that 15 misread as 50. Calculate corrected mean and standard deviation.

14. Establish the relationship among AM, GM and HM.



EA - 30/5 (700) (5) IS-M.Com(CBCS)
DDCE — II (QMM)

IS-M. Com(CBCS)
DDCE — III (BBE)

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Answer from all the Sections as per direction.

Section – A

Answer any three questions of the following in
700-1000 words : $12 \times 3 = 36$

1. Discuss various management strategies adapted by MNCs in 21st Century. Do you think the current MNCs are well equipped to withstand the shocks of external environment ? Justify your answer.
2. Outline the proactive role played by Government of Odisha to develop industries in the state. Explain the reasons behind slow pace of industrial growth in the state.
3. Define social security. Discuss various statutory provisions of social security.

4. Discuss the role played by financial institutions in the development of agriculture in India. State various methods and schemes of financing agriculture.
5. Define planning and its importance. Discuss the salient features of any one planning and its contribution to the growth of Indian economy.

Section - B

Answer any three questions of the following in 400-500 words :

$$8 \times 3 = 24$$

1. Enumerate the measures to be taken to increase the social responsibility of the business. Do you agree that social responsibility is a mere wastage of company's resources ? Give reasons for your answer.

2. Define Fiscal Policy. State the reasons behind India's growing fiscal deficit.

3. Distinguish between Globalisation and Liberalisation. How, do you think, has India been benefited by Globalisation ?

EA - 35/3

(2)

Contd.

4. What is a Stock Exchange ? Discuss the role played by Stock Exchanges in the development of corporates in India in last two decades.
5. Discuss various regulations relating commodity markets. State the reasons behind its slow pace of growth in India.

Section - C

Answer any two of the following in 150-200 words :

$$5 \times 2 = 10$$

1. Consumerism
2. Industrial Policy
3. GATT
4. Financial Environment



EA - 35/3 (700)

(3)

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DDCE — IV (FM)

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*Answer from **all** the Sections as per direction.*

Section – A

Answer any **three** questions of the following in

700-1000 words each : $12 \times 3 = 36$

1. "The Financial Manager's primary task is to plan for the acquisition and use of funds so as to maximise the value of the firm." Substantiate your answer.
2. ZED Ltd. is presently financed entirely by equity shares. The current market value is Rs. 6,00,000. A dividend of Rs. 1,20,000 has just been paid. This level of dividend is expected to be paid indefinitely. The company is thinking of

Investing in a new project involving an outlay of Rs. 5,00,000 now and is expected to generate net cash receipts of Rs. 1,05,000 per annum indefinitely. The project would be financed by issuing Rs. 5,00,000 debentures at the market interest rate of 18%. Ignoring tax consideration :

- Calculate the value of equity shares and the gain made by the shareholders if the cost of equity rises to 21.6%.

(b) Prove that the weighted average cost of capital is not affected by gearing.

3. From the following information supplied to you, ascertain whether the firm is following an optimal dividend policy as per Walter's Model :

Total Earnings	Rs. 2,00,000
200 Equity Shares of Rs. 100 each	Rs. 20,000
Dividend Paid	Rs. 1,50,000
P/E Ratio	12.5

The firm is expected to maintain its rate of return on fresh investment. Also find out what should be the P/E ratio at which the dividend policy will have no effect on the value of the share.

EA – 36/4 (2) Contd.

- Compare and contrast between 'Gordon and Linter' and 'Miller and Modigliani' theories of dividend.
- Distinguish between 'ABC Analysis' and 'Pareto Analysis'. Explain their applicability as techniques of inventory control.

Section – B

Answer any **three** questions of the following in

400-500 words : $8 \times 3 = 24$

- Explain the use of 'EBIT-EPS' analysis for designing capital structure of a company. Discuss the various components of capital structure.
- "Strategic financial planning is subjected to the various macro and micro environmental factors." Elucidate.
- Outline the factors necessitating the holding of cash balance. Explain the Baumol's model of cash management.
- Define feasibility study and its objectives. Discuss the various steps involved in capital investment decision-making process.

EA – 36/4 (3) (Turn over)

5. A firm has annual sales of Rs. 30,00,000. It desires to adapt more liberal credit policies and for that matter, raise the collection period from 36 days to 60 days. This policies is estimated to enhance sales by 35%. The selling price of the product is Rs. 10 per unit of which variable cost amounts to Rs. 7. The firm expects 25% rate of return on investment. Would you advise the firm to raise its collection period ? (assume 360 days in a year).

3. What is Economic Order Quantity (EOQ) and its advantages.
4. What is Corporate Dividend Behaviour ?
5. A company issues debentures worth Rs. 12 lakh @ 12%. Its EBIT amount to Rs. 3 lakh. Its overall cost of capital is 14%. You are required to find out the cost of equity stock according to the assumption of the Modigliani and Miller Theory.

Section - C

Answer any two of the following : $5 \times 2 = 10$

1. The following information is available for ABC & Co. :

EBIT	—	Rs. 11,20,000
PBT	—	Rs. 3,20,000
Fixed Cost	—	Rs. 7,00,000

Calculate percentage change in EPS if the sales one expected to increase by 5%.

2. Explain Spontaneous source and Negotiated source.

EA - 36/4

(4)

EA - 36/4 (700)

(5)

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DDCE — IV (FM)

Contd.