



Reg. No. :

Name :

Fourth Semester M.Com. Degree Examination, July 2017
Elective : Finance
Paper – III : CO 243 : MANAGEMENT OPTIMISATION TECHNIQUES
(2014 Admission)

Time : 3 Hours

Max. Marks : 75

SECTION – A

Answer the following questions. **Each** question carries 2 marks :

1. What do you mean by Duality in LPP ?
 2. Distinguish between an interfering float and free float.
 3. Distinguish between probabilistic and deterministic models in a queuing theory.
 4. Define CPM in network analysis.
 5. Explain assignment problem.
 6. What do you understand by North West corner rule ?
 7. State the conditions required for applying simplex method to a LPP.
 8. What is dummy activity ?
 9. What do you understand by relevant costs of depreciable assets in replacement theory ?
 10. What do you mean by safety stock ? Why should it be kept by an organization ?
- (10×2=20 Marks)**

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SECTION - B

Answer **any five** of the following. **Each** question carries **5** marks :

11. Explain the assumptions of LPP.
12. Explain MODI method of testing optimality of a solution to a transportation problem.
13. Explain the four types of floats in a network analysis.
14. In a railway marshalling yard, goods trains arrive at a rate of 30 trains per day. Assuming that the inter-arrival time follows an exponential distribution and the service time distribution is also exponential with an average 36 minutes. Calculate the average length of non-empty queue. What is the probability that the queue size exceeds 10 ?
15. Draw a network for a project whose activities and their precedence relationship are as given below :

Activities	A	B	C	D	E	F	G	H	I
Predecessor	-	A	A	-	D	B, C, E	F	E	G, H

16. Find out the optimal solution to the assignment problem having the following cost matrix (cost in Rs. Thousands) :

Sales men	Territory 1	Territory 2	Territory 3	Territory 4
A	30	25	26	28
B	26	32	24	20
C	20	22	18	27
D	23	20	21	19



17. The annual demand for a product is 3600 units with an average of 12 units per day. The lead time is 10 days. The ordering cost per order is Rs. 20 and the annual carrying cost is 25% of the value of inventory. The price of the product per unit is Rs. 3.

- 1) What is the EOQ ?
- 2) Find the purchase cycle time.

18. Describe the maximin and minimax principles of game theory. (5×5=25 Marks)

SECTION - C

Answer any two of the following. Each question carries 15 marks :

19. A company manufactures two products P1 and P2. The company has two types of machines A and B. P1 takes 2 hours on machine A and 4 hours on machine B where as product P2 takes on machine A 5 hours and 2 hours on machine B. The profit realized on one unit of product P1 is Rs. 3 and that of product P2 is Rs. 4. If machine A and B can operate 24 hours and 16 hours per day respectively, determine the weekly output of each product in order to maximize the profit. Assume a five day week.

20. Solve the following transportation problem :

From	To 1	To 2	To 3	To 4	Available
A	10	8	11	7	20
B	9	12	14	6	40
C	8	9	12	10	35
Required	16	18	31	30	95

21. How do you distinguish between resource leveling and resource allocation problem ? Explain the algorithm for resource allocation.

22. Explain the methods used for solving assignment problem. (2×15=30 Marks)



(Pages : 2)

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Fourth Semester M.Com. Degree Examination, July 2017

Elective : Finance

**Paper – IV : CO 244 : FINANCIAL STATEMENTS – INTERPRETATION
AND REPORTING
(2014 Admission)**

Time : 3 Hours

Max. Marks : 75

PART – A

Write short notes on **all** questions. **Each** question carries **2** marks.

1. Users of financial statements.
2. Financial reporting.
3. US GAAP
4. Revenue recognition.
5. Replacement value.
6. Operating segment.
7. Cash generating units.
8. Value added statement.
9. Financing activity.
10. Statement of changes in equity.

(10×2=20 Marks)

PART – B

Answer **any 5** questions. **Each** question carries **5** marks.

11. Why there should be standardisation of financial statements ?
12. What do you mean by cash flow statement under IFRS ?
13. Explain the uses of financial statements for different stakeholders.

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14. What are the challenges of IFRS in India ?
15. Distinguish between market value and replacement value.
16. How do you recognise impairment loss ?
17. Discuss the concept of value added statement.
18. What do you mean by consolidation of financial statements ? **(5×5=25 Marks)**

PART – C

Answer **any two** questions. **Each** question carries **15** marks.

19. Distinguish between Gross consolidation and Net consolidation.
 20. Discuss the accounting standard on impairment of assets.
 21. Distinguish between economic value method and market value added.
 22. Examine the major causes of international differences of accounting under Indian GAAP, US GAAP and IFRS. **(2×15=30 Marks)**
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Fourth Semester M.Com. Degree Examination, July 2017
Elective : Finance
Paper – I : CO 241– INDIRECT TAX LAWS AND PRACTICES
(2014 Admission)

Time : 3 Hours

Max. Marks : 75

SECTION – A

Answer all questions in two or three sentences. Each question carries 2 marks.

1. Define service tax.
2. What are exempted services ? Give three examples.
3. Name the persons liable for the payment of service tax.
4. Define the term assessment.
5. What is provisional attachment ?
6. Define excise duty.
7. State any two advantages of excise duty.
8. What is customs duty ?
9. Write short note on import and export manifest.
10. What are the objects of Central Sales Tax Act ? (10x2=20 Marks)

SECTION – B

Answer any five questions. Each question carries 5 marks.

11. What are the exemptions available for small service providers in respect of service tax ?
12. Write notes on :
 - a) Recovery of service tax.
 - b) GATT and Tax.
13. Discuss the different kinds of excise duty.

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15. Explain the symptoms of Indian foreign exchange market.

16. What are currency swaps ? What are its uses ?

17. State the importance of balance of payments.

(5×5=25 Marks)

PART – C

Answer **any two** questions. **Each** question carries **15** marks.

18. Critically examine the role of global financial markets.

19. What is current account ? Explain the various items shown under this head.

20. Briefly explain the various strategies of FDI.

21. Describe the issues and challenges of international investments. (2×15=30 Marks)
