(Pages : 2) R – 6653

Reg. No. : .....

Name : .....

Fourth Semester M.Com. Degree Examination, July 2023

Elective: Finance

Paper 1–CO 241 W : GOODS AND SERVICE TAX AND CUSTOMS DUTY-LAW AND PRACTICE

(2017 Admission Onwards)

Time : 3 Hours Max. Marks : 75

SECTION – A

Answer **all** questions. **Each** question carries **2** mark.

1. What is Direct Tax?
2. What do you mean by GST?
3. What is composite supply?
4. What do you mean by taxable supply?
5. What is Output Tax?
6. Define Zero Rated supply
7. Explain prohibited goods under customs duty Act
8. What is customs duty?
9. Define Antidumping
10. Define IGST

(10 × 2 = 20 Marks)

P.T.O.

SECTION – B

Answer **any five** questions. **Each** question carries **5** mark.

11. Elaborate the features of Indirect-Tax.

12. Difference between Direct Tax and Indirect Tax

13. Describe the features of GST.

14. Briefly explain the GST provisions in Kerala.

15. Explain the types of supply.

16. Write short notes on Input Tax Credit

17. Explain the functions of GST Council.

18. Write Notes on GSTN.

(5 × 5 = 25 Marks)

SECTION – C

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

19. Narrate the history of Indirect Taxation in India.

20. Briefly explain the Benefits of GST to Economy, Industry and Trade.

21. What is an appeal under (GST? What is the procedure for filing appeal under GST?

22. Critically examine the various types of customs duties.

(2 × 15 = 30 Marks)

(Pages : 2) **R – 6654**

Reg. No. : .....

Name : .....

Fourth Semester M.Com. Degree Examination, July 2023

Elective–Finance

Paper II : CO 242F – RISK MANAGEMENT AND DERIVATIVES

(2018 Admission Onwards)

Time : 3 Hours Max. Marks : 75

SECTION – A

Answer **all** questions. **Each** question carries **2** marks.

1. What is Uncertainty?
2. What is subjective risk?
3. What is lot size?
4. What is exotic option?
5. What is swap?
6. What is Theta in option pricing?
7. What is European option?
8. What is Short hedge?
9. What is Arbitrage?
10. What is meant by Enterprise Risk Management?

(10 × 2 = 20 Marks)

P.T.O.

SECTION – B

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

11. What are the benefits of risk management?

12. What are the differences between Forward and Futures?

13. What are the factors affecting the price of Option Contract?

14. What is the accounting treatment in case of Cash Settled Equity Index/Stock Option?

15. What derivative strategies are beneficial in stable market conditions?

16. Briefly Explain Credit Derivatives.

17. Briefly explain Governance, Risk and Compliance (GRC) in Risk Management?

18. What are the various methods of handling Risk?

(5 × 5 = 25 Marks)

SECTION – C

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

19. Write a note on different Option Pricing Model.

20. How can we hedge or manage risk through Derivatives? Explain.

21. Write a note on Derivative markets in India.

22. 'Stock index futures are a powerful tool for risk management used by mutual funds and pensions fund and investment companies." Explain the statement.

(2 × 15 = 30 Marks)

(Pages : 2) **R – 6655**

Reg. No. : .....

Name : .....

Fourth Semester M.Com. Degree Examination, July 2023

Elective – Finance

Paper III: CO 243F : ACCOUNTING STANDARDS

(2018 Admission Onwards)

Time : 3 Hours Max. Marks : 75

SECTION – A

Answer **all** questions. Each question carries **2** marks.

1. Define Accounting Standards.
2. Give any two features of IFRS.
3. What is meant by FIFO?
4. Define Historical Cost.
5. What is Residual Value?
6. Define Depreciation.
7. What is Financial Lease?
8. What is Financial Instruments?
9. What you mean by EPS?
10. What is Deferred Tax?

(10 × 2 = 20 Marks)

P.T.O.

SECTION – B

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

11. Briefly explain the significance of Ind AS.

12. Explain the objectives of IFRS.

13. Explain the areas in which different accounting policies may be followed?

14. When can revenue be recognised in the case of transaction of sale of goods?

15. How would you treat Government Grants in the form of non-monetary assets?

16. State the different types of leases contemplated in AS 19 and discuss briefly.

17. How do you calculate "Diluted Earnings Per Share" as per AS 20.

18. What are current tax and deferred tax? Explain the provisions of AS 22.

($5 \times 5 = 25$ Marks)

SECTION – C

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

19. Explain the main objectives of Accounting Standards. Discuss in detail the procedure of setting Accounting Standards.

20. Elaborate the benefits of convergence with IFRS.

21. Explain the provisions contained in the Accounting Standard in respect of Revaluation of Fixed Assets.

22. Discuss in detail the main provisions related to AS-2, and AS-9.

($2 \times 15 = 30$ Marks)

(Pages : 4) **R – 6656**

Reg. No. : .....

Name : .....

Fourth Semester M.Com. Degree Examination, July 2023

Elective — Finance/Marketing

PAPER IV : CO 244S — MANAGEMENT OPTIMIZATION TECHNIQUES

(Common for Finance and Marketing)

(2018 Admission onwards)

Time : 3 Hours Max. Marks : 75

PART – A

Answer **all** questions. Each carries **2** marks.

1. Which are the types of operations research models?
2. How Inventory Models are useful?
3. What is a Linear Programming model?
4. Where Game Theory is used?
5. What is Simulation?
6. What is duality of LPP?
7. What is an Unbalanced Assignment Problem?
8. What are the Limitations of Simulation?
9. Which are the different time estimates under PERT?
10. Which are the different types of Floats, in Network Analysis?

(10 × 2 = 20 Marks)

P.T.O.

PART – B

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

11. Which are the steps in Intelligent decision making?
12. Which are the types of techniques in network scheduling?
13. A city hospital has the following minimal daily requirement for nurses.

Period	Clock time (24 hours day)	Minimal number of nurses required
1	6 a.m. - 10 a.m.	2 L
2	10 a.m. - 2 p.m.	7
3	2 p.m. - 6 p.m.	15
4	6 p.m. - 10 p.m.	8 L
5	10 p.m. - 2 a.m.	20 L
6	2 a.m. - 6 a.m.	6 L

Nurses report to the hospital at the beginning of each period and work for 8 consecutive hours. The hospital wants to determine the minimal number of nurses to be employed so that there will be sufficient number of nurses available for each period. Formulate this as a Linear Programming question by setting up appropriate constraints and objective function.

14. Explain Hungarian Method.
15. Solve the game with the following pay-off matrix.

		Player Y Strategies				
		I	II	III	IV	V
Player X Strategies	1	9	12	7	14	26
	2	25	35	20	28	30
	3	7	6	-8	3	2
	4	8	11	13	-2	1

16. An airline is planning to open a satellite ticket desk in a new shopping plaza, staffed by one ticket agent. It is estimated that requests for tickets and information will average 15 per hour, and requests will have a Poisson distribution. Service time is assumed to be exponentially distributed. Previous experience with similar satellite operations suggests that mean service time should average about three minutes per request. Determine each of the following:
    (a) System utilization
    (b) Percentage of time the server (agent) will be idle.
    (c) The expected number of customers waiting to be served.
    (d) The average time customers will spend in the system. The probability of zero customers in the system and the probability of four customers in the system.

17. A Public transport system is experiencing the following number of breakdowns for months over the past 2 years in their new fleet of vehicles:

Number of breakdowns	0	1	2	3	4
Number of months this occurred	2	8	10	3	1

Each break down costs the firm an average of Rs.2,800. for a cost of Rs.1,500 per month. preventive maintenance can be carried out to limit the breakdowns to an average of one per month. Which policy carried is suitable for the firm?

18. Draw the network diagram for the following data

Activity	Time estimate (weeks)
1-2	5
1-3	6
1-4	3
2-5	5
3-6	7
3-7	10
4-7	4
5-8	2
6-8	5
7-9	6
8-9	4

(5 × 5 = 25 Marks)

PART – C

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

19. The Bombay transport company has trucks available at four different sites in the following numbers:

Site A	5 Trucks
Site B	10 Trucks
Site C	7 Trucks
Site D	3 Trucks

Customers-W, X and Y require trucks as shown below

Customer W	5 Trucks
Customer X	8 Trucks
Customer Y	10 Trucks

Variable costs of getting trucks to the customers are given below :

	Rs.	Rs.	Rs.
From A to W	7 to X	3 to Y	6
From B to W	4 to X	6 to Y	8
From C to W	5 to X	8 to Y	4
From D to W	8 to X	4 to Y	3

Solve the above transporation problem

20. A Bank is in the process of formulating its loan policy involving a maximum of Rs.600 Million. Table below gives the relevant types of loans. Bad debts are not recoverable and produce no interest receive. To meet competition from other Banks the following policy guidelines have been set. At east 40% of the finds must be allocated to the agricultural and commercial loans. Funds allocated to housing must be at least 50% of all loans given to personal, car, Housing. The overall bad debit on all loans may not exceed 0.06. Formulate a linear program Model to determine optimal loan allocations.

Type of loan	Interest rate %	Bad debts (Probability)
Personal	17	0.10
Car	14	0.07
Housing	11	0.05
Agricultural	10	0.08
Commercial	13	0.06

21. Explain different stages network analysis.

22. Solve the following game by graphical method.

$$\begin{array}{c} \text{Player B} \\ \text{Player A} \end{array} \begin{pmatrix} -18 & 2 \\ 6 & -4 \end{pmatrix}$$

($2 \times 15 = 30$ Marks)