# M.Com. DEGREE EXAMINATION, APRIL - 2024

### **Second Semester**

# Commerce

### ADVANCED MANAGEMENT ACCOUNTING

(CBCS - 2022 onwards)

Time: 3 Hours Maximum: 75 Marks

**Part A**  $(10 \times 1 = 10)$ 

Answer **all** the following objective type questions by choosing the correct option.

- 1. The term management accounting was first coined in \_\_\_\_\_. (CO1, K2)
  - (a) 1940
- (b) 1960
- (c) 1950
- (d) 1970
- 2. The primary objective of Management accounting is \_\_\_\_\_\_. (CO1, K2)
  - (a) Furnish management complete and true information
  - (b) Supply profit and loss details to stakeholders
  - (c) Manage company account and improve sales
  - (d) Cut the operation cost to provide more saving

	ratios which reveal the final result of the i	managerial (CO2, K2)
(a)	Turnover Ratio	
(b)	Profitability Ratio	
(c)	Short term solvency Ratio	
(d)	Long term solvency Ratio	
	ratio which shows the proportion of profi he business out of the current year's 	
(a)	Retained earnings ratio	
(b)	Price earnings ratio	
(c)	Earnings per share	
(d)	Payout ratio	
Cash	flow example from an operating	activity is (CO3, K4)
(a)	Purchase of Own Debenture	
(b)	Sale of Fixed Assets	
(c)	Interest Paid on Term-deposits by a Bank	Σ
(d)	Issue of Equity Share Capital	
	2	R1098

5110	rt-term financial investments results in	(CO3, K4)
(a)	Increased Equity	, , ,
(b)	Increased Liabilities	
(c)	Decreased Cash	
(d)	Increased Cash	
` ′	lgetary control facilitates easy introdu	action of the
		(CO4, K4)
(a)	Marginal costing	(CO4, K4 <sub>2</sub>
(a) (b)	Ratio analysis	
(c)	Standard costing	
(d)	Subjective matter	
	oudgeting process which demands each aify his entire budget in detail from	_
(a)	Functional budget	
(b)	Master budget	
(c)	Zero base budgeting	
(d)	None of these	
	margin of safety, which is the differential sales and break-even point, can be	
(a)	Lowering variable costs	
(b)	Lowering fixed costs	
(c)	Increasing sales volumes	
	All of the above	
(d)		D1000
(d)	3	R1098

	(a)	Variable overheads	
	(b)	Prime cost plus variable overheads	
	(c)	Prime cost minus variable overheads	
	(d)	None of the above	
		Part B	$(5 \times 5 = 25)$
	Ans	wer <b>all</b> questions not more than 500 word	ls each.
11.	(a)	Brief the objectives of management	accounting. (CO1, K2)
		$\operatorname{Or}$	
	(b)	Distinguish between management acc financial accounting.	counting and (CO1, K2)
12.	(a)	State the tools of financial analysis.	(CO2, K2)
		$\operatorname{Or}$	
	(b)	From the following figures calculate t turnover ratio and the average payme accounts payable.	
		Particulars	Rs.
Cr	edit I	Purchases in 2022	10,00,000
Cr	edito	rs on 01.01.2022	2,00,000
Cr	edito	rs on 31.12.2022	1,00,000
Bi	lls pa	yable on 01.01.2022	40,000
Bi	lls pa	yable on 31.12.2022	60,000
		$_4$	R1098
		4	111000

10. Marginal cost is equal to \_\_\_\_\_.

(CO5, K2)

13. (a) Statement of financial position of Mr. Ram are given below. (CO3, K4)

Liabilities 1.1.2022 31.12.2022 Assets 1.1.2022 31.12.2022

	Rs.	Rs.		Rs.	Rs.
Accounts payable	29,000	25,000	Cash	40,000	30,000
Capital	7,39,000	6,15,000	Debtors	20,000	17,000
			Stock	8,000	13,000
			Buildings	s 1,00,000	80,000
			Fixed	6,00,000	5,00,000
	7,68,000	6,40,000		7,68,000	6,40,000

## Additional information:

- (i) There were no drawings
- (ii) There were no purchases or sale of either buildings or fixed assets.
- (iii) Prepare cash flow statement

Or

- (b) Explain the importance of cash flow and cash flow statement. (CO3, K4)
- 14. (a) Compare Budget, Budgeting and Budgetary control. (CO4, K4)

Or

(b) A company which supplies its output on contract basis as component top an assembling firm has a contract to supply 10,000 units of its only product during 2022. The following were the budgeted expenses and revenue. (CO4, K4)

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Material Rs. 15 per unit

Wages Rs. 10 per unit

Works expenses–(Fixed) Rs. 40,000

Variable Rs. 4 per unit

General expenses (all fixed) Rs. 60,000

Profit is 20% on sale price

Prepare the budget for 2022 showing the costs and profit.

- 15. (a) From the following information calculate (CO5, K2)
  - (i) BEP
  - (ii) Margin of safety
  - (iii) Contribution and
  - (iv) Profit

Particular	$\mathrm{Rs}.$
Fixed cost	36,000
Variable cost	60,000
Sales	1,20,000
Sale in units	40,000

Or

(b) The following particulars are extracted from the records of a company (CO5, K2)

records or a company		(00.	, - <del></del> /
Particulars	Product A	Product B	
Sales (per unit)	Rs. 100	Rs. 120	
Consumption of material	$2 \mathrm{kg}$	3kg	
Material cost	Rs. 10	Rs. 15	
Direct wages cost	15	10	
Direct expenses	5	6	
Machine hour used	3	2	
Overhead expenses			
Fixed	5	10	
Variable	15	20	
6		R10	98

Direct wages per hour is Rs. 5 comment on the profitability of each product (both use the same raw material) when:

- (i) Total sales potential in units is limited
- (ii) Production capacity (in terms of machine hours) is the limiting factor.
- (iii) Material is in short supply
- (iv) Sales potential in value is limited

**Part C**  $(5 \times 8 = 40)$ 

Answer all questions not more than 1000 words.

16. (a) Explain the tools and techniques of Management Accounting. (CO1, K2)

Or

- (b) What are the advantages and limitations of Management Accounting? (CO1, K2)
- 17. (a) Explain the methods of financial statement analysis. (CO2, K2)

Or

(b) Following are the ratios relating to the trading activities of national traders for the year ended on 31st December. (CO2, K2)

Debtors velocity 3 months
Stock velocity 8 months
Creditors velocity 2 months
Gross profit ratio 25%
Gross profit for the year Rs. 4,00,000

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Closing stock is Rs. 10,000. Above the opening stock

Bills Receivable

Rs. 25,000

Bills Payable

Rs. 10,000

Find out:

- (i) Sales
- (ii) Sundry Debtors
- (iii) Closing Stock
- (iv) Sundry Creditors
- 18. (a) Balance sheets of M/s. Black and White as on  $1^{\rm st}$  Jan 2023 and  $31^{\rm St}$  Dec. 2023 were as follows (CO3, K4)

Liabilities	1.1.2023	31.12.2023	Assets	1.1.2023	31.12.2023
Creditors	40,000	44,000	Cash	10,000	7,000
White's loan	25,000	-	Debtors	30,000	50,000
Loan from bank	40,000	50,000	Stock	35,000	25,000
Capital	1,25,000	1,53,000	Machinery	80,000	55,000
			Land	40,000	50,000
			Buildings	35,000	60,000

During the year a machine costing Rs. 10,000 (accumulated depreciation Rs. 3,000) was sold of Rs. 5,000. The provision for depreciation against machinery as on  $1^{\rm st}$  Jan. 2023 was Rs. 25,000 and on  $31^{\rm st}$  Dec 2023 Rs. 40,000. Net profit for the year 2023 amounted to Rs. 45,000. Prepare cash flow statement.

Or

(b) What is called responsibility accounting? And explain the concept of responsibility accounting. (CO3, K4)

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19. (a) Draw up flexible budget for overhead expenses on the basis of the following data and determine the overhead rates at 70% 80% and 90% plan capacity. (CO4, K4)

Capacity levels

	70%	80%	90%
	Rs.	Rs.	Rs.
Variable overheads: Indirect labour	-	12,000	-
Indirect materials	-	4,000	-
Semi-variable overheads:	-	20,000	
Power (30% fixed)			
Repair (60% fixed) Fixed overheads:	-	2,000	-
Depreciation	-	11,000	-
Insurance	-	3,000	-
Salaries	-	10,000	-
Total overhead expenses	-	62,000	
Estimated direct labour hours	-	1,24,000	-

Or

- (b) What is meant by ZBB and how its relevance in decision making? (CO4, K4)
- 20. (a) Explain the application of marginal costing and CVPA in decision making as a product. (CO5, K2)

Or

R1098

(b) The sales turnover and profit during two years were as follows. (CO5, K2)

Year Sales profit 2007 1,40,000 15,000 2008 1,60,000 20,000

# Calculate:

- (i) P/V Ratio
- (ii) Break even point
- (iii) Sales required to earn a profit of Rs.40,000
- (iv) Fixed expenses and
- (v) Profit when sales are Rs. 1,20,000

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# M.Com. DEGREE EXAMINATION, APRIL - 2024

#### **Second Semester**

#### Commerce

#### PORTFOLIO AND INVESTMENT MANAGEMENT

(CBCS - 2022 onwards)

Answer **all** the following objective type questions by choosing the correct option.

- 1. Investment is the ———. (CO1, K2)
  - (a) Net addition made to the nation's-capital stock
  - (b) Person's commitment to buy a flat
  - (c) Employment of funds on assets to earn return
  - (d) Employment of funds on goods and services that are used in production processes
- 2. Gambling is ———. (CO1, K2)
  - (a) An intelligent speculation
  - (b) Based on rumours
  - (c) Successful speculation
  - (d) All of the above
- 3. Which of the following risks emerges from the debt component of the capital structure? (CO2, K4)
  - (a) Systematic risk
- (b) Financial risk
- (c) Market risk
- (d) Business risk

4.	A m	easure of 'risk per u	anit o	f expected return	n (CO2, K4)
	(a)	Standard deviation		-	
	(b)	Coefficient of vari	ation		
	(c)	Correlation coeffic	cient		
	(d)	Beta			
5.	Agg	ressive portfolio cor	nsist (	of bond : stocks in	n the ratio of (CO3, K4)
	(a)	60:40	(b)	70:30	
	(c)	40:60	(d)	50:50	
6.	Tec	hnical analysis is us	seful -		(CO3, K4)
	(a)	To make an estim	ate o	f growth in a stoo	ck market
	(b)	To find out the market	mar	ket forces influ	encing stock
	(c)	To indicate the di	rectio	on of the overall r	narket
	(d)	To analyze the eco	onom	ic activity of gove	ernment
7.	Wea	ak form market effic	ciency	7	(CO4, K4)
	(a)	Implies that the zero	expec	ted return on ar	ny security is
	(b)	Incorporates semi	i-stro	ng form efficiency	у
	(c)	Involves price and	d volu	ime information	
	(d)	Is compatible with	h tech	nnical analysis	
8.	Maı	rkowitz approach ha	as roo	ts in	(CO4, K4)
	(a)	Good portfolio ma	nage	ment	
	(b)	Proper entry and			
	(c)	Estimating of stoo			
	(d)				o stocks
9.	The	disadvantage of sw	aps i	s that they	(CO5, K4)
	(a)	Lack of liquidity	(b)	Suffer from def	` ,
	(c)	Both (a) and (b)	(d)	(b) only	
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10.	Mar	gin money of the future contracts depended on (CO5, K4)
	(a)	the nature of the buyer and seller
	(b)	the stock market indices movement
	(c)	speculative activity
	(d)	both (a) and (b)
		Part B $(5 \times 5 = 25)$
A	Answe	er all the questions not more than 500 words each.
11.	(a)	State the importance of investment. (CO1, K2)
		Or
	(b)	Explain the types of investment based on the nature of assets. (CO1, K2)
12.	(a)	What are the key methods used for debt investment valuation? (CO2, K4)
		$\operatorname{Or}$
	(b)	Discuss the risk-return relationship in investment. $(CO2, K4)$
13.	(a)	Describe different methods of valuing equity investment. (CO3, K4)
		$\operatorname{Or}$
	(b)	How is Price Earnings ratio used in investment analysis? (CO3, K4)
14.	(a)	Explain the concept of a portfolio in investment. (CO4, K4)
		$\operatorname{Or}$
	(b)	Define Mutual funds and explain their role in investment. (CO4, K4)
15.	(a)	What are the key terminologies used in the options market? (CO5, K4)
		$\operatorname{Or}$
	(b)	Explain different types of futures contracts. (CO5, K4)
		3 R1099

Answer all questions not more than 1000 words each.

16. (a) Explain the concept of investment and distinguish between saving and investment. (CO1, K2)

Or

- (b) Outline the key functions of investment management. (CO1, K2)
- 17. (a) Discuss the importance of matching short-term goals with low-risk investment. (CO2, K4)

Or

- (b) Differentiate between systematic risk and unsystematic risk. (CO2, K4)
- 18. (a) Discuss the Dow theory and its significance in technical analysis. (CO3, K4)

Or

- (b) What are the key components of Fundamental analysis for investment evolution? (CO3, K4)
- 19. (a) What are the measures used to assess Portfolio return and risk? (CO4, K4)

Or

- (b) Explain the different forms of Market efficiency. (CO4, K4)
- 20. (a) Discuss the Role of technology in making stock and commodity exchange information more accessible to investors. (CO5, K4)

Or

(b) Define Derivatives and explain their role in investment markets. (CO5, K4)

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# M.Com. DEGREE EXAMINATION, APRIL - 2024

#### **Second Semester**

# Commerce

## LOGISTICS MANAGEMENT

(CBCS - 2022 onwards)

Time: 3 Hours Maximum: 75 Marks

**Part A**  $(10 \times 1 = 10)$ 

Answer **all** the following objective type questions by choosing the correct option.

- 1. In the recent years- the major gain in logistical efficiency have come from which one of the following? (CO1, K1)
  - (a) Advances in information Technology
  - (b) Reduction in petroleum prices
  - (c) Fast order processing
  - (d) Increase in production of commercial vehicles
- 2. Logistics is the part of supply chain involved with the forward and reverse flow of (CO1, K1)
  - (a) Goods
  - (b) Services
  - (c) Cash
  - (d) All of the above

3.	Indi	a is divided into ho	w ma	any pin code zones	s? (CO2, K2)
	(a)	Six	(b)	Seven	
	(c)	Ten	(d)	Eight	
4.		ch of the following	is no	t the managemen	at category of (CO2, K2)
	(a)	District Highway	$\mathbf{s}$		
	(b)	Border Roads			
	(c)	National Highwa	ys		
	(d)	State highways			
5.	Vas	co-da-Game came t	o Indi	ia and Landed at	(CO3, K3)
	(a)	Kozhikode			
	(b)	Gujarat			
	(c)	Patna			
	(d)	None of the Abov	e		
6.	Kab	oul and Qandaha	r we	ere linked to w	which route? (CO3, K3)
	(a)	Suez Canal Route	9		
	(b)	Cap route			
	(c)	Silk Route			
	(d)	Cotton Route			
			2		R1100

(a)	Place
(b)	Production
(c)	Distribution channel
(d)	Price
	ns that help the company to promote, sell an ribute its goods to final buyers are known a (CO4, K4
(a)	Sales intermediaries
(b)	Marketing intermediaries
(c)	Product promotion intermediaries
(d)	Finance intermediaries
	ch of the following is not a distinguishing feature for go aircrafts (CO5, K4
(a)	Wide Fuselage
(b)	Number of Engines
(c)	High wings
	Large number of wheels
(d)	
Whi	
Whi	
Whi	raft? (CO5, K5
Whitaire (a)	Arado Ar 232
Whitaire (a) (b)	raft? (CO5, K5 Arado Ar 232 MD 80
What airce (a) (b) (c)	raft? (CO5, K5 Arado Ar 232 MD 80 Handley page Hp.42

Part B

 $(5 \times 5 = 25)$ 

Answer all questions not more than 500 words each.

 $11. \quad \hbox{(a)} \quad Explain \ the \ importance \ of \ Logistics \ management.$ 

(CO1, K1)

Or

- (b) Distinguish between domestic and international marketing logistics. (CO1, K1)
- 12. (a) Briefly explain the modes of transportation. (CO2, K2)

Or

- (b) What do you mean by charters? And describe the types of charters. (CO2, K2)
- 13. (a) What is port? And explain the types of port. (CO3, K3)

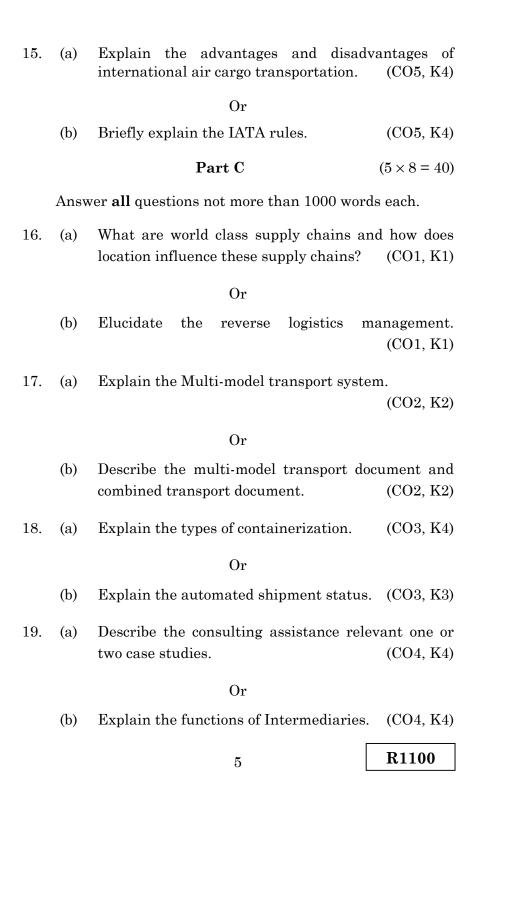
Or

- (b) Write a short note on warehouse management. (CO3, K3)
- 14. (a) Elucidate the clearing and forwarding Agents. (CO4, K4)

Or

(b) Explain the role of shipping agents. (CO4, K4)

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20. (a) Explain the role of rail-Road ways in Global Marketing. (CO5, K4)

Or

(b) Explain the problems and prospectus of Air cargo transport. (CO5, K4)

# M.Com. DEGREE EXAMINATION, APRIL - 2024

### **Second Semester**

### Commerce

### GST AND CUSTOMS LAW

(CBCS - 2022 onwards)

Time: 3 Hours Maximum: 75 Marks

**Part A**  $(10 \times 1 = 10)$ 

Answer **all** the following objective type questions by choosing the correct option.

- 1. The President of India constituted GST Council as per Article of the constitution (CO1, K2)
  - (a) 246A
- (b) 269A
- (c) 279A
- (d) 276
- 2. Authority to levy and collect taxes n India is given to the central and state government by (CO1, K2)
  - (a) Article 246 of Constitution of India
  - (b) Article 265 of Constitution of India
  - (c) Article 269 of Constitution of India
  - (d) Article 279A of Constitution of India

3.	The	he Maximum rate of CGST is			(CO2, K5)
	(a)	28	(b)	12	
	(c)	18	(d)	20	
4.	A supply consisting of two or more goods/ services whare naturally bundled, one being principal supply called ————. (CO2, I				
(a) Composite Supply					
	(b) Continuous Supply				
	(c)	Mixed Supply			
	(d)	Taxable Supply			
5.	E-Co	ommerce Operators have to file monthly. (CO3, K3)			(CO3, K3)
	(a)	GSTR 7	(b)	GSTR 6	
	(c)	GSTR 6A	(d)	GSTR 8	
6.	<ul><li>What is the time limit for claiming the refund? (CO3, F</li><li>(a) The time limit for claiming a refund is 2 years from relevant date</li></ul>				d? (CO3, K3)
					2 years from
	(b) The time limit for claiming a refund is 1 years from relevant date				
	(c)	All of the above			
	(d)	None of the above			
				Ī	
			9		R1101

					(CO4, K4)	
	(a)	CGST	(b)	SGST		
	(c)	IGST	(d)	CGST and SGST	1	
8.	Max	imum rate prescrib	ed ur	nder UTGST/SGST	Γ?(CO4, K4)	
	(a)	14%	(b)	20%		
	(c)	28%	(d)	30%		
9.	Which section of the Customs Act. 962 provides for levy of Customs duty on import and export of goods? (CO5, K4)				-	
	(a)	Section 3	(b)	Section 12		
	(c)	Section 14	(d)	Section 28		
10.	Valuation for Customs Duty begins with  (a) Determination of Import Value  (b) Determination of Transaction Value				(CO5, K4)	
	(c)	c) Determination of Invoice Value				
	(d)	(d) Interrogation of Importer				
			3		R1101	

Which of the following taxes will be levied on imports?

7.

Part B

 $(5 \times 5 = 25)$ 

Answer all the questions not more than 500 words each.

11. (a) Explain the concept of "Dual GST". (CO1, K2)

Or

(b) Write a short note on GST Council. (CO1, K2)

12. (a) What are the circumstances when registration certificate is required to be cancelled? (CO2, K5)

Or

- (b) Bring out the mechanism for Input Tax Credit (ITC) under the GST law. (CO2, K5)
- 13. (a) What is the difference between Search and Inspection? (CO3, K3)

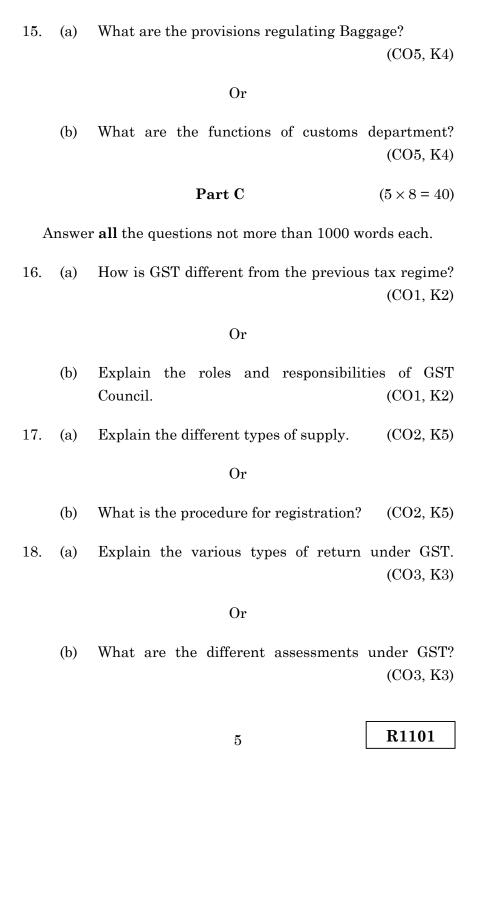
Or

- (b) Bring out the common offence and their penalties under GST. (CO3, K3)
- 14. (a) How to find out the location of supplier of services? (CO4, K4)

Or

(b) How to find the location of supplier and place of supply for interstate supply? (CO4, K4)

R1101



Explain the provisions of IGST act pertaining to 19. (a) place of supply of goods. (CO4, K4) Or How would you find out whether supply of services (b) in relation to an immovable property is situated in India? (CO4, K4) 20. Define the following (a)

(CO5, K4)

- (i) Coastal goods
- (ii) Customs station
- (iii) Exclusive economic zone
- (iv) Indian Customs waters

Or

(b) What is significance of IGST in case of import? (CO5, K4)

# M.Com. DEGREE EXAMINATION, APRIL - 2024

### **Second Semester**

### Commerce

## Elective — MANAGEMENT OF HUMAN RESOURCES

(CBCS - 2022 onwards)

Time: 3 Hours Maximum: 75 Marks

Part A

 $(10 \times 1 = 10)$ 

Answer all the following objective type questions by choosing the correct option.

- HRM is ——— (CO1, K2) 1.
  - (a) A staff functions
  - (b) A line functions
  - A staff function, line function and accounting (c) function
  - (d) All of the above
- Human factor can be defined as ———— (CO1, K2) 2.
  - (a) The entire concept of human behavior
  - (b) Interrelated Physiological, Psychological and Socio-ethical aspects of a human being.
  - (c) Micro and macro issues of socioeconomic factor
  - (d) None of the above

3.		——— can be der	ived f	rom Job Analysis	s. (CO2, K5)
	(a)	Job Specification			
	(b)	Job Description			
	(c)	Job requirement			
	(d)	Both (a) and (b)			
4.	A w	ritten summary of	f KSA	required to per	form a job is (CO2, K5)
	(a)	Resume	(b)	Job specificatio	n
	(c)	Job Description	(d)	Job posting	
5.	Promotion is a ———— source Recruitment. (CO3, 2			ent. (CO3, K3)	
	(a)	External	(b)	Internal	
	(c)	Macro	(d)	None of the abo	ove
6.	involves a one-to-one discussion between the participant and administrator. (CO3, K3)				
	(a)	Counselling	(b)	Training	
	(c)	Motivation	(d)	All of the above	<b>;</b>
7.	A/An — is a plan or a program scheme that helps to motivate an individual or a group to deliver outstanding performance. (CO4, K5)				
	(a)	Promotion Schem	ne		
	(b)	Incentive Scheme	9		
	(c)	Reward			
	(d)	None of the above	е		
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		is considered to be a vertical move in as of rank and responsibilities. (CO4, K5)				
	(a)	Appraisal (b) Reward				
	(c)	Increment (d) Promotion				
9.	Which of the following emerged when individuals realised the strength, they could gain by joining together to negotiate with employers (CO5, K5)					
	(a)	Trade Unions				
	(b)	Human Relation Movement				
	(c)	Employee Legislations				
	(d)	Employee relationship Management				
10.	How fede	rations? elected at different (CO5, K5)				
	(a)	Based on employer's recommendations				
	(b)	Based on the seniority				
	(c)	Based on political considerations				
	(d)	Based on the democratic principle				
		Part B $(5 \times 5 = 25)$				
	Ans	wer <b>all</b> questions not more than 500 words each.				
11.	(a)	Write the functions of Human resource management. (CO1, K2)				
		Or				
	(b)	Explain the objectives of Human resource management. (CO1, K2)				
		3 R1102				

12. (a) What do you mean by Human Resource Planning?

Explain the steps involved in Human Resource
Planning. (CO2, K5)

Or

- (b) What is job analysis? What are the components of job analysis? (CO2, K5)
- 13. (a) Explain the various steps involved in selection process. (CO3, K3)

Or

- (b) Elucidate the importance of training. (CO3, K3)
- 14. (a) What are fringe benefits? Explain the different kinds of fringe benefits. (CO4, K5)

Or

- (b) Discuss the various financial and non-financial rewards in motivating modern employees. (CO4, K5)
- 15. (a) What do you mean by grievance? Explain the effective grievance handling procedures that manager can use in the organizations. (CO5, K5)

Or

(b) What are the measures for improving industrial relations? (CO5, K5)

R1102

Part C

 $(5 \times 8 = 40)$ 

Answer all the questions not more that 1000 words each.

16. (a) What is the meaning of Human resource management? Bring out its scope and importance. (CO1, K2)

Or

(b) Write the difference between personnel management and human resources management. (CO1, K2)

17. (a) What is recruitment? What are the various internal and external sources of recruitment? (CO2, K5)

Or

- (b) Difference between job description and job specification. (CO2, K5)
- 18. (a) What is Promotion? Explain the Pros and Cons of Promotion. (CO3, K3)

Or

(b) Discuss the different types of selection tests.  $({\rm CO3,\,K3})$ 

19. (a) What is performance appraisal? Discuss the process of performance appraisal. (CO4, K5)

Or

(b) What is Cafeteria Approach? Explain the Advantages and Disadvantages of Cafeteria Plans. (CO4, K5)

R1102

20. (a) What are the stages of the grievance redressal process? (CO5, K5)

Or

(b) What are Trade unions? What are the Characteristics of a Trade Union? (CO5, K5)

# M.Com. DEGREE EXAMINATION, APRIL - 2024

#### Fourth Semester

#### Commerce

## ADVANCED COST ACCOUNTING

(CBCS - 2022 onwards)

Time: 3 Hours Maximum: 75 Marks

**Part A**  $(10 \times 1 = 10)$ 

Answer **all** the following objective type questions by choosing the correct option.

- 1. Which of these is not an objective of Cost Accounting? (CO1, K1)
  - (a) Ascertainment of Cost
  - (b) Determination of Selling Price
  - (c) Cost Control and Cost reduction
  - (d) Assisting Shareholders in decision making
- 2. Cost Unit is defined as:

(CO1, K1)

- (a) Unit of quantity of product. service or time in relation to which costs may be ascertained or expressed
- (b) A location, person or an item of equipment or a group of these for which costs are ascertained and used for cost control.
- (c) Centres having the responsibility of generating and maximizing profits
- (d) Centres Concerned with earning an adequate return on investment

3. Blanket overhead rate is:

- (CO2, K3)
- (a) One single overhead absorption rate for the whole factory
- (b) Rate which is blank or nil rate
- (c) Rate in which multiple overhead rates are calculated for each production department, service department etc.
- (d) Always a machine hour rate
- 4. In process costing, if an abnormal loss arises, the process account is generally (CO3, K2)
  - (a) Debited with the scrap value of the abnormal loss units
  - (b) Debited with the full production cost of the abnormal loss
  - (c) Credited with the scrap value of the abnormal loss units
  - (d) Credited with the full production cost of the abnormal loss units
- 5. Which type of costing do toy-manufacturing companies use? (CO3, K2)
  - (a) Multiple costing (b) Process costing
  - (c) Unit costing (d) Batch costing
- 6. In the Net realizable value method, for apportioning joint costs over the joint products, the basis of apportionment would be: (CO3, K5)
  - (a) Selling price per unit of each of the joint products
  - (b) Selling price multiplied by units sold of each of the joint products
  - (c) Sales value of each joint product less further processing costs of individual products
  - (d) Both (b) and (c)

R1103

- 7. Which of the following activities is the Standard Costing System used for? (CO4, K4)
  - (a) It is a basis for implementing cost control and fixing the price of products through variance analysis
  - (b) It helps to ascertain the cost-volume relationship between products manufactured by the business
  - (c) It helps to establish the breakeven point for the products manufactured by the company
  - (d) None of the above
- 8. Which of the following activities is true about the Cost variance under the Standard Costing System? (CO4, K4)
  - (a) Cost variance is the difference between the standard cost and the actual cost
  - (b) Cost variance is the difference between the standard cost and the budgeted cost
  - (c) Cost variance is the difference between the standard cost and the marginal cost
  - (d) Cost variance is the difference between the actual cost and the marginal cost
- 9. What is the term for allocating overhead based on a predetermined rate and actual activity level? (CO5, K4)
  - (a) Absorption Costing
  - (b) Variable Costing
  - (c) Overhead Absorption
  - (d) Activity-Based Costing
- 10. What is the primary characteristic of contract costing? (CO5, K4)
  - (a) Large-scale production
  - (b) Mass production
  - (c) Unique projects or contracts
  - (d) Standardized products

R1103

Part B  $(5 \times 5 = 25)$ 

Answer all questions not more than 500 words each.

11. (a) Explain the Objectives of cost accounting. (CO1, K2)

Or

(b) From the following particulars prepare a cost sheet. (CO1, K2)

Stock of finished goods (1.4.2018)	Rs.36,400
Stock of finished goods (30.4.2018)	Rs.39,400
Stock of raw materials (1.4.2018)	rs.16,640
Stock of raw materials (30.4.2018)	Rs.17,680
Purchase of raw materials	Rs.3,79,600
Production wages	Rs.2,58,440
Sales of finished goods	Rs.7,69,600
Works overheads	Rs.64,610
General overheads	Rs.35,080

12. (a) A Stores Ledger Account from the following information adopting FIFO method of pricing of issues of materials. (CO2, K3)

March 1 1998 Opening balance 500 tonnes at Rs. 100

- 3 Issue 60 tonnes
- 4 Issue 100 tonnes
- 8 Issue 70 tonnes
- 13 Received from supplier 300 tonnes at Rs.180
- 16 Issue 140 tonnes
- 20 Received from supplier 240 tonnes at Rs.200
- 24 Issue 300 tonnes
- 25 Received from supplier 320 tonnes at Rs.200
- 26 Issue 125 tonnes
- 28 Received from supplier 100 tonnes at Rs.200

Or

(b) Explain the general techniques used to control labour cost. (CO2, K2)

R1103

13. (a) From the following information relating to the manufacturing of a product in a cost centre, prepare a cost sheet showing both consist of 200 units:

(CO3, K5)

Cost of materials 12 paise per unit

Operators wages Rs.1.44 an hour

Machine hour ate Rs.3.00

Setting up time of the machine 4 hours and 40 minutes

Manufacturing time 20 minutes per unit.

Or

- (b) Explain the characteristic features of contracts and contract costing. (CO3, K5)
- 14. (a) The standard material cost for 100 kg of chemical 'D' is made up of : (CO4, K4)

Chemical A  $-30 \text{ kg} \otimes \text{Rs.4 per kg}$ 

Chemical B  $-40 \text{ kg} \otimes \text{Rs.5 per kg}$ 

Chemical C − 80 kg @ Rs.6 per kg

In a batch 500 kg of chemical 'D' were produced from a mix of:

Chemical A -140 kg @ a cost of Rs.588

Chemical B -220 kg @ a cost of Rs.1,056

Chemical C -440 kg @ a cost of Rs.2,860

How do the yield, mix and the price factors contribute to the variance in the actual cost per 100 kg of chemical 'D' over the standard cost?

Or

(b) "Standard costing is the most effective cost control system for manufacturing organizations." Explain the statement. (CO4, K4)

15. (a) Why is Activity Based Costing important for businesses? (CO4, K4)

Or

(b) How does target costing contribute to a company's competitiveness? (CO4, K4)

**Part C**  $(5 \times 8 = 40)$ 

Answer all questions not more than 1000 words each.

16. (a) Describe the various methods of Costing and state the particular industries to which they can be specified. (CO1, K1)

Or

(b) On August 15<sup>th</sup> 2022 a manufacture SRI desired to quote for a contract for the supply of 500 ratio sets. From the following details prepare a statement showing the price to he quoted to give the same percentage of net profit on turnover as was realized during 6 months ending on 30<sup>th</sup> June 2022:

(CO1, K2)

	Rs.
Stock of material as on 1st January 2022	20,000
Stock of material as on $30^{\rm th}$ January $2022$	25,000
Purchase of materials during 6 months	1,50,000
Factory wages during 6 months	1,20,000
Indirect charges during 6 months	25,000
Opening stock of completed sets	Nil
Closing stock of completed sets	100
Sales during 6 months	3,24,000

The number of radio sets manufactured during these six months was 1,450 sets including those sold and those stocked at the end of the period. The radios to be quoted are of uniform quality and size as were manufactured during the six months to 30<sup>th</sup> June 2022. As from August 1<sup>st</sup>, the cost of factory labour has gone up by 10%.

R1103

17. (a) From the following particulars prepare the stores ledger account showing the pricing of materials issue, by adopting the FIFO method, with base stock of 400 units, out of opening stock. (CO2, K3)

#### 2022

### December

- 1 Opening stock 1,000 units at Rs.2.00 each
- 3 Purchased 800 units at Rs.2.10
- 5 Issued 800 units
- 12 Purchased 1,600 units at Rs.2.10 each
- 17 Issued 1,500 units
- 20 Purchased 900 units at Rs.2.50 each
- 25 Issued 600 units

Or

(b) Modern manufacturers Ltd., have three production departments  $P_1$ ,  $P_2$  and  $P_3$  and two service departments  $S_1$ ,  $S_2$ , the details pertaining to which are as under: (CO2, K3)

	$\mathbf{P}_1$	$\mathrm{P}_2$	$P_3$	$\mathbf{S}_1$	$\mathrm{S}_2$
Direct wages Rs.	30,000	20,000	30,000	15,000	5,000
Working hours	3,070	4,475	2,419	_	_
Value of machines (Rs.)	6,00,000	8,00,000	10,00,000	50,000	50,000
H.P of machine	60	30	50	10	_
Light points	100	150	200	100	50
Floor Space (Sq.feet)	20,000	25,000	30,000	20,000	5,000

The following figures extracted from the accounting records are relevant. Rent Rs.15,000; General Lighting Rs.6,600: indirect wages Rs.20,000: Power Rs.15,000; Depreciation on machine Rs.1,00,000 and sundries Rs.10,000.

The expenses of service departments are allocated as under

18. (a) Suman industries produces a product which passes through two processes I and II and then to finished stock. It is ascertained that in each process 5% of the total weight put in is lost and 10% is scrap which realizes Rs.5 per ton and Rs.15 per ton respectively in processes I and II. The following details are available. (CO3, K5)

	Process I	Process II
Material consumed in tons	2,000	140
Cost of materials per ton Rs.	200	300
Wages Rs.	20,000	15,000
Manufacturing expenses Rs.	6,000	5,000

Prepare process accounts showing the cost of the output of each process and cost per ton.

Or

(b) A factory producing article P also produces a by product Q which is further processed into finished product. The joint cost of manufacture is given below: (CO3, K5)

Material 5,000 Labour 3,000 Overhead 2,000

Subsequent costs are given below:

	P (Rs.)	Q (Rs.)
Material	3,000	1,500
Labour	1,400	1,000
Overhead	600	500
	5,000	3,000

Selling prices are P - Rs.16,000

$$Q - Rs.8,000$$

Estimated profits on selling price are 25% for P and 20% for Q. assume that selling and distribution expenses are in production on sales prices.

Show how would apportion joint costs of manufacture and prepare a statement showing cost of production. of P and Q.

- 19. (a) From the following data provided by Vimal ltd for the month of August 2022. Calculate (CO4, K4)
  - (i) Total overhead cost variance
  - (ii) Fixed overhead cost variance and
  - (iii) Variable overhead cost variance

	Budget	Actual
Output in units	30,000	32,500
Fixed overhead (Rs.)	45,000	50,000
Variable overhead (Rs.)	60,000	68,000

Or

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(b) The following is the information relating to Contract No 123. (CO4, K4)

	Rs.
Contract Price	6,00,000
Wage	1,64,000
General expenses	8,000
Raw material	1,20,000
Plant	20.000

As on date, cash received was Rs. 2,40,000 being 80% of work certified. The value of materials remaining at site was Rs. 10,000. Depreciation plant by 10%. Prepare contract account showing profit to be credited to P and L A/c.

20. (a) What is the role of Cost Accounting standards in financial reporting? (CO5, K4)

Or

(b) Explain the Back Flush Coasting provide scenarios where it is commonly used. (CO5, K4)

Sub. Code 611402

## M.Com. DEGREE EXAMINATION, APRIL - 2024

# Fourth Semester

### Commerce

## **BUSINESS LEGISLATIONS**

(CBCS – 2022 onwards)

		(CBCS – 2022 onwai	rds)
Time : 3 Hours		Iours	Maximum : 75 Marks
		Part A	$(10 \times 1 = 10)$
An	swer <b>a</b>	all the following objective types the correct option.	
1.	An a	agreement enforceable by law is	3
			(CO1, K2)
	(a)	A voidable contract	
	(b)	Void	
	(c)	A contract	
	(d)	A void contract	
2.	Cons	sent is said to be free when	it is not caused by (CO1, K2)
	(a)	Very much influence	
	(b)	Undue influence	
	(c)	Slightly influence	
	(d)	Influence	

3.	Liak	oility of surety is (CO2, K1)
	(a)	Co-extensive with that of the principal debtor
	(b)	Independent of default
	(c)	Can be conditional or independent
	(d)	None of the above
4.		which forum is it compulsory to have a female nber? (CO2, K1)
	(a)	National commission
	(b)	State commission
	(c)	District commission
	(d)	All of the above
5.	Con be –	ditions and Warranties in a contract may (CO3, K3)
	(a)	Express
	(b)	Implied
	(c)	Express or implied
	(d)	None of the above
6.		states that a consumer should know the
		efs available to him in case of product or service falls et of his expectations. (CO3, K3)
	(a)	Right to Safety
	(b)	Right to Seek Redressal
	(c)	Right to be informed
	(d)	Right to Consumer Education
		2 R1104

The	Carriage of C	Goods by S	ea Act	is enacted in the year
				(CO4, K4)
(a)	1865	(b)	2007	
(c)	1989	(d)	1925	
The		Act rela	ates to	the common carriers.
				(CO4, K4)
(a)	The Carriers	s Act		
(b)	The Carriage	e by Road	Act	
(c)	The Railway	's Act		
(d)	The Carriage	e by Air Ac	et .	
The	name of	the Comp	oany (	can be changed by (CO5, K4)
(a)	Ordinary res	solution		
(b)	Special resol	lution		
(c)	A special a		with	approval of Central
(d)	With approv	al of Unior	n Gover	rnment
А ре	erson cannot a	act as a ma	ınaging	director in more than
		ipany.		(CO5, K4)
(a)	One	(b)	Two	
(c)	Four	(d)	Five	

Part B  $(5 \times 5 = 25)$ 

Answer all the questions not more than 500 words each.

11. (a) List out the factors that make an agreement void? Explain. (CO1, K2)

Or

- (b) What are the different types of breach of contract? (CO1, K2)
- 12. (a) Explain the liability of a surety in a contract. (CO2, K1)

Or

- (b) Explain the difference between indemnity and indemnity holder. (CO2, K1)
- 13. (a) What is meant by Doctrine of Caveat Emptor? Explain its exceptions. (CO3, K3)

Or

- (b) Explain the rights of consumers in detail. (CO3, K3)
- 14. (a) Describe the contents of the Carriage by Road Act in detail. (CO4, K4)

Or

- (b) State the means in which the Carriage of Air Act helps its consumers. (CO4, K4)
- 15. (a) What are the duties and powers of the director of the company? (CO5, K4)

Or

4

(b) Define Company. Describe the types of companies in detail. (CO5, K4)

Part C  $(5 \times 8 = 40)$ 

Answer all the questions note more than 1000 words each.

16. (a) In what ways the contract can be discharged? Explain. (CO1, K2)

Or

- (b) Describe the essential elements required to form the basic contract. (CO1, K2)
- 17. (a) Differentiate between the bailment and pledge. (CO1, K2)

Or

- (b) Who can appoint an agent? List out and explain the various types of agents. (CO2, K1)
- 18. (a) Explain the Procedure for redressal of complaints under Consumer Protection Act. (CO3, K3)

Or

- (b) What are the implied conditions and warranties under the Sale of Goods Act? (CO3, K3)
- 19. (a) Explain the provisions regarding the Indian Carriage of Goods Act? (CO4, K4)

Or

(b) List out the various Acts that comes under the Law of Carriage of Goods. Explain. (CO4, K4)

R1104

20. (a) Explain the difference between the Memorandum of Association and Association of Articles. (CO5, K4)

Or

(b) What is a prospectus? Is it necessary for every company to file a prospectus? (CO5, K4)

Sub. Code 611403

### M.Com. DEGREE EXAMINATION, APRIL - 2024

#### Fourth Semester

#### Commerce

### **QUANTITATIVE TECHNIQUES**

(CBCS - 2022 onwards)

Time: 3 Hours Maximum: 75 Marks

**Part A**  $(10 \times 1 = 10)$ 

Answer **all** the following objective type questions by choosing the correct option

- 1. The objectives functions of a linear programming problem are; (CO1, K2)
  - (a) A constraint
  - (b) Function to be optimized
  - (c) A relation between the variables
  - (d) None of these
- 2. Which of the following is a type of linear programming problem? (CO1, K2)
  - (a) Manufacturing problem
  - (b) Diet problem
  - (c) Transportation problems
  - (d) All of the above
- 3. Set which contains all possible outcomes is (CO2, K4)
  - (a) Event
- (b) Empty set
- (c) Sample space
- (d) Probability

Which symbol denote impossible event?			(CO2, K4)	
(a)	S	(b)	heta	
(c)	β	(d)	$\mu$	
Whi	ch of the following	best d	lescribe queuing th	neory? (CO3, K4)
(a)	The study of arriv	al ra	tes	
(b)	The study of servi	ice tir	nes	
(c)	The study of wait	ing li	nes	
(d)	The evaluation of	servi	ce time costs	
Time	e between two succ	essiv	e requests arriving	c, called the (CO3, K4)
(a)	Inter arrival time	!		
(b)	Arrival time			
(c)	Poisson distributi	on		
(d)	Average residual	servi	ce time	
	_		rion is not used for	decision — (CO4, K4)
(a)	Maximin	(b)	Maximax	
(c)	Minimax	(d)	Minimize expecte	ed loss
The	minimum Expected	d Opp	oortunity Loss (EO	L) is (CO4, K4)
(a)	Equal to EVPI	(b)	Minimum regret	
(c)	Equal to EMV	(d)	Both (a) and (b)	
		_	thods of contouri	ng is most (CO5, K4)
(a)	Direct Method			
(b)	Square method			
(c)	Cross – sections n	netho	d	
(d)	Tachometric meth	nod		
		2		R1105
	(a) (c) White (a) (b) (c) (d) Time (a) (b) (c) (d) White mak (a) (c) The (a) (c) White suita (a) (b) (c)	<ul> <li>(a) S</li> <li>(c) β</li> <li>Which of the following</li> <li>(a) The study of arrive</li> <li>(b) The study of serve</li> <li>(c) The study of wait</li> <li>(d) The evaluation of Time between two success</li> <li>(a) Inter arrival time</li> <li>(b) Arrival time</li> <li>(c) Poisson distribution</li> <li>(d) Average residual</li> <li>Which of the following making under uncertain</li> <li>(a) Maximin</li> <li>(c) Minimax</li> <li>The minimum Expected</li> <li>(a) Equal to EVPI</li> <li>(c) Equal to EMV</li> <li>Which of the following suitable for a hilly terresidal</li> <li>(a) Direct Method</li> <li>(b) Square method</li> <li>(c) Cross – sections in the section of the following sections in the section of the sections in the section of the sections in the section of the section of</li></ul>	<ul> <li>(a) S</li> <li>(b)</li> <li>(c) β</li> <li>(d)</li> <li>Which of the following best of the study of arrival rates.</li> <li>(b) The study of service tires.</li> <li>(c) The study of waiting list.</li> <li>(d) The evaluation of service.</li> <li>(e) The study of waiting list.</li> <li>(f) The evaluation of service.</li> <li>(g) Arrival time.</li> <li>(h) Arrival time.</li> <li>(g) Poisson distribution.</li> <li>(g) Average residual service.</li> <li>(h) Which of the following criters making under uncertainty?</li> <li>(a) Maximin.</li> <li>(b)</li> <li>(c) Minimax.</li> <li>(d) The minimum Expected Opposition.</li> <li>(a) Equal to EVPI.</li> <li>(b)</li> <li>(c) Equal to EMV.</li> <li>(d) Which of the following measuitable for a hilly terrain?</li> <li>(a) Direct Method.</li> <li>(b) Square method.</li> <li>(c) Cross – sections method.</li> <li>(d) Tachometric method.</li> </ul>	<ul> <li>(a) S</li> <li>(b) θ</li> <li>(c) β</li> <li>(d) μ</li> <li>Which of the following best describe queuing the study of the study of service times</li> <li>(b) The study of service times</li> <li>(c) The study of waiting lines</li> <li>(d) The evaluation of service time costs</li> <li>Time between two successive requests arriving</li> <li>(a) Inter arrival time</li> <li>(b) Arrival time</li> <li>(c) Poisson distribution</li> <li>(d) Average residual service time</li> <li>Which of the following criterion is not used for making under uncertainty?</li> <li>(a) Maximin</li> <li>(b) Maximax</li> <li>(c) Minimax</li> <li>(d) Minimize expected</li> <li>The minimum Expected Opportunity Loss (EO</li> <li>(a) Equal to EVPI</li> <li>(b) Minimum regret</li> <li>(c) Equal to EMV</li> <li>(d) Both (a) and (b)</li> <li>Which of the following methods of contourisuitable for a hilly terrain?</li> <li>(a) Direct Method</li> <li>(b) Square method</li> <li>(c) Cross – sections method</li> <li>(d) Tachometric method</li> </ul>

- 10. Three-point problem can be solved by (CO6, K4)
  - (a) Tracing paper method
  - (b) Bessel's method
  - (c) Lehman's method
  - (d) All of the above

Part B  $(5 \times 5 = 25)$ 

Answer all questions not more than 500 words each.

11. (a) Consider a chocolate manufacturing company that produces only two types of chocolate require Milk and Choco only. To manufacture each unit of A and B. the following quantities are required; (i) Each unit of A requires 1 unit of Milk and 3 unit of Choco. (ii) Each unit of B requires 1 units of Milk of and 2 units of Choco. The company kitchen has a total of 5 units of Milk and 12 units of Choco. On each sale, the comp makes a profit of (1) Rs.6 per unit A Sold (2) Rs. 5 per unit B sold. Now the company wishes to maximize its profit. How many units of A and B should it produce respectively? (CO1, K2)

Or

- (b) One kind of cake requires 200 g of flour and 25 g of fat, and another kind of cake requires 100 g of flour and 50 g of fat Find the maximum number of cakes that can be made from 5 kg of flour and 1 kg of fat assuming that there is no shortage of the other ingredients, used in making the cakes. (CO1, K2)
- 12. (a) Two coins are tossed 500 times, and we get:

Two heads: 105 times;

One head: 275 times;

No head: 120 times. Find the probability of each event to occur. (CO2, K4)

Or

R1105

(b) The percentage of marks obtained by a student in the monthly tests are given below: (CO2, K4)

Test: 1 2 3 4 5

Percentage of marks obtained: 69 71 73 68 74

Based on the above table, find the probability of students getting more than 70% marks in a test.

- 13. (a) If in a particular single-server system, the arrival rate,  $\lambda$ =5 per hour and service rate,  $\mu$  = 8 per hour. Assume the conditions for use of the single channel queuing model, find out: (CO3, K4)
  - (i) The Probability that the server is idle.
  - (ii) The probability that there are at least two customers in the system.
  - (iii) Expected time that a customer is in the queue.

Or

- (b) Customers arrive at the first class Ticket counter of a Theater at a rate of 12 per hour. There is one clerk serving the customers at a rate of 30 per hour. Assuming the conditions for use of the single channel queuing model, evaluate: (CO3, K4)
  - (i) The probability that there is no customer at the counter (i. e) that the system is idle),
  - (ii) The probability that there are more than 20 customers at the counter,
  - (iii) The probability that there is no customers at the counter,
  - (iv) the probability that a customer is being served and nobody is waiting.

R1105

14. (a) Given the following Pay-off matrix (in rupees) for three strategies and two states of nature. (CO4, K4)

Strategy Status - of nature

	E1	E2
S1	40	60
S2	10	-20
S3	-40	150

Select a strategy using each of the following rule (i) Maximin (ii) Minimax.

Or

(b) A farmer wants to decide which of the three crops he should plant on his 100- acre farm. The profit from each is dependent on the rainfall during the growing season. The farmer has categorized the amount of rainfall as high medium and low. His estimated profit for each is show in the table.

(CO4, K4)

Rainfall Estimated conditional profit (Rs.)

	Crop A	CropB	Crop C
High	8000	3500	5000
Medium	4500	4500	5000
Low	2000	5000	4000

If the farmer wishes to plant only Crop, decide which should be his best crop using (i) Maximin (ii) Minimax?

15. (a) Calculate the linear correlation coefficient for the following data. (CO5, K4)

X = 4, 8, 12, 16 and Y = 5, 10, 15, 20.

Or

5

(b) Calculate the correlation coefficient for the following data (CO5, K4)

X = 4, 8, 12, 16 and Y = 5, 10, 15, 20.

**Part C**  $(5 \times 8 = 40)$ 

Answer all questions not more than 1000 words each.

16. (a) A company produces two types of TVs, one is black and white, while the other is colour. The company has the resources to make at most 200 sets a week. Creating a black and white set costs Rs. 2,700 and Rs. 3,600 to create a colored set. The business should spend no more than Rs. 6,48,000 a week producing TV sets. If it benefits from Rs. 525 per set of black and white and Rs. 675 per set of colours, how many sets of black/white and colored sets should it produce in order to get maximum profit? Formulate this using LPP. (CO1, K2)

Or

- (b) A health enthusiast wishes to mix two types of foods in his diet, in such a way that vitamin content of the mixture contains at least 10 units of vitamin B and 13 units of vitamin C. Food (F1) contains 1 unit/kg of vitamin B and 2 units/kg of vitamin C. Food (F2) contains 2 unit/kg of vitamin B and contains 1 unit/kg of vitamin C. F1 costs Rs. 60/kg and F2 costs Rs. 80/kg. Frame his diet plan making a linear programming problem in order to minimize the cost of the mixture. (CO1, K2)
- 17. (a) A tyre manufacturing company kept a record of the distance covered before a tyre needed to be replaced.

  The table shows the results of 1000 cases. (CO2, K4)

Distance Less than (in km) 4000		4000 to 9000	9001 to 14000	More than 14000	
Frequency	20	210	325	445	

If a tyre is bought from this company, what is the probability that:

- (i) It has to be substituted before 4000 km is covered?
- (ii) It will last more than 9000 km?
- (iii) It has to be replaced after 4000km and 14000 km is covered by it?

Or

- (b) A man and a woman appear in an interview for two vacancies for the same post. The probability of the man's selection is 1/3, and that of the woman's selection is 1/2. What is the probability that neither of them will be selected? (CO2, K4)
- 18. (a) A repairman is to be hired to repair machines that breakdown following a Poisson process with an average rate of four per hour. The cost of non- productive machine is Rs. 9 per hour. The company has the option of choosing either a fast repairman or a slow repairman. The fast repairman charges Rs. 6 per hour arid will repair machines at an average rate of 7 per hour. The slow repairman charges Rs. 3 per hour and will repair machines at an average rate of 5 per hour. Which repairman should be hired? (CO3, K4)

Or

(b) In a bank, every 15 minutes one customer arrives for cashing the cheque. The staff in the only payment counter takes 10 minutes for serving a customer on average. State suitable assumptions and find:

(CO3, K4)

The average queue length.

Increase in the arrival rate in order to justify a second counter (when the waiting time of a customer is at least 15 minutes the management will increase one more counter)

19. (a) The research department of Hindustan Ltd. Has recommended to pay marketing department to launch a shampoo of three different types. The marketing types of shampoo to be launched under the following estimated pay-offs for various level of sales. (CO4, K4)

Types of shampoo	Estimated sales (in units)		
	15,000	10,000	5,000
Egg shampoo	30	10	10
Clinic shampoo	40	15	5
Deluxe shampoo	55	20	3

What will be the marketing manager's decision if Maximin and Minimax principle applied?

Or

- (b) What is the relationship between decision theory and game theory? (CO4, K4)
- 20. (a) Find linear regression equation for the following two sets of <u>data</u>. (CO5, K4)

X	2	4	6	8
Y:	3	7	5	10

Or

(b) Calculate the regression coefficient and obtain the lines of regression for the following data (CO5, K4)

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	X	1	2	3	4	5	6	7
	Y	9	8	10	12	11	13	14

Sub. Code 611511

### M.Com. DEGREE EXAMINATION, APRIL - 2024

#### Fourth Semester

#### Commerce

#### **Elective - FOREX MANAGEMENT**

(CBCS - 2022 onwards)

Time: 3 Hours Maximum: 75 Marks

 $\mathbf{Part}\,\mathbf{A} \qquad (10 \times 1 = 10)$ 

Answer **all** the objective type questions by choosing the correct option.

- 1. What is the significance of the Foreign Exchange market? (CO1, K2)
  - (a) It facilitates international trade and investment
  - (b) It regulates domestic interest rates
  - (c) It controls government spending
  - (d) It monitors stock market fluctuations
- 2. What is the function of Fixed Income Money Market Derivative Association of India(FIMMDA)? (CO1, K2)
  - (a) To develop the Indian fixed income and derivatives markets
  - (b) To regulate the foreign exchange market in India
  - (c) To monitor stock market activities
  - (d) To provide investment advice to individuals

- 3. If a basket of goods costs US \$ 200 in US and Rs. 20,000 in India, the \$/Rs. exchange rate should be \$ 0.01. per rupee. This calculation is done based on (CO2, K4)
  - (a) Competitive cost theory
  - (b) Floating exchange rate
  - (c) Fixed exchange rate
  - (d) Purchasing parity theory
- 4. Which model suggests that exchange rates are determined by the relative supply and demand for financial assets? (CO2, K4)
  - (a) Flow models
  - (b) Assets Market Models
  - (c) Purchasing Power Pant
  - (d) Interest rate parity
- 5. Exchange control measures are primarily used by governments to: (CO3, K4)
  - (a) Regulate domestic interest rates
  - (b) Stabilize stock market fluctuations
  - (c) Mange the flow of foreign exchange and protect currency values
  - (d) Encourage international trade
- 6. What does the term "Sterilization" refer in the context of Foreign Exchange inflows? (CO3, K4)
  - (a) Balancing the government budget
  - (b) Absorbing excess liquidity from the market
  - (c) Limiting foreign investment
  - (d) Encouraging international trade

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- 7. What is the primary objective of internal strategies for managerial transaction risk? (CO4, K4)
  - (a) To shift the risk to external parties
  - (b) To share the risk with other entities
  - (c) To reduce the exposure through hedging techniques
  - (d) To offset the risk through exposure netting
- 8. Which model suggests that exchange rates are determined by the relative supply and demand for financial assets? (CO4, K4)
  - (a) Flow Models
  - (b) Asset Market Models
  - (c) Purchasing Power Parity
  - (d) Interest Rate Parity
- 9. What are the objectives of FEMA (Foreign Exchange Management Act)? (CO5, K4)
  - (a) Facilitate external trade and payments
  - (b) Promote the ordinary development and maintenance of the foreign exchange market
  - (c) Regulate capital account transactions
  - (d) All of the Above
- 10. What is the current status of rupee convertibility in India? (CO5, K4)
  - (a) Fully convertible on the current account, partially on the capital account
  - (b) Partially convertible on both the current and capital account
  - (c) Non-convertible on both the current and capital account
  - (d) Fully convertible on the both current and capital accounts

Answer all questions not more than 500 words each.

11. (a) Explain the concept of foreign Exchange in global economy. (CO1, K2)

Or

- (b) Explain the difference between Direct and Indirect Exchange Rate Quotations. (CO1, K2)
- 12. (a) Discuss the conditions required for parity to hold and implications for international trade and investment. (CO2, K2)

Or

- (b) Explain the Mundell-Fleming Model and its Significance. (CO2, K2)
- 13. (a) Discuss the features of Fixed and Floating Exchange Rates Systems. (CO3, K4)

Or

- (b) What are the different forms of Exchange Controls? (CO3, K4)
- 14. (a) Explain the features of forward and future contracts for businesses exposed to exchange rate fluctuations. (CO4, K4)

Or

(b) Explain the concepts of Currency swaps and interest rate swap. (CO4, K4)

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15. (a) Explain the objectives of the Foreign Exchange Management Act, enacted in 1999. (CO5, K4)

Or

(b) How does FEMA regulate foreign investments in real estate, land and assets? (CO5, K4)

**Part C**  $(5 \times 8 = 40)$ 

Answer all questions not more than 1000 words each.

16. (a) Explain the concept of Telegraphic Transfer (T.T) rates and their role in international remittances and payments. (CO1, K2)

Or

- (b) Discuss the role and functions of the Foreign Exchange Dealers Association of India. (CO1, K2)
- 17. (a) Compare and contrast Flow Models and Asset Model in forecasting exchange rate. (CO2, K4)

Or

- (b) Discuss the methods used for computing forward exchange rates and their role in hedging currency risk. (CO2, K4)
- 18. (a) Explain the Advantages and Disadvantages of Fixed and Floating Exchange Rate Systems. (CO3, K4)

Or

(b) Evaluate the need for Exchange Control Measures in managing a country's Balance of Payments and Exchange Rate stability. (CO3, K4)

19. (a) Discuss the difference between accounting and economic risks in the context of international business operations. (CO4, K4)

Or

- (b) Explain the concepts of risk shifting and risk sharing in the context of international finance and risk management. (CO4, K4)
- 20. (a) Outline the functions and Responsibilities of RBI under the Foreign Exchange Management Act. (CO5, K4)

Or

(b) Explain the Guidelines and Requirements for the establishment of Branch offices, Liaison office and project offices by foreign entities in India under FEMA. (CO5, K4)