

**C-4186**

**Sub. Code**

**80913/**

**81013**

**M.B.A. DEGREE EXAMINATION**

**(COMMON FOR M.B.A. (L & SCM)/ M.B.A. (IS & L))**

**APRIL 2021 EXAMINATION**

**&**

**APRIL 2020 ARREAR EXAMINATION**

**First Semester**

**ACCOUNTING FOR MANAGEMENT**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is an accounting?
2. What are the Golden rules of accounts?
3. Define balance sheet.
4. What do you mean by depreciation?
5. Define ratio analysis.
6. What is current ratio?
7. What is Zero base budget?
8. What is budgetary control?
9. What is absorption costing?
10. What is break even analysis?

**Part B**

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) What are the objectives of accounting?

Or

- (b) Journalize the following transactions.

2006

June

- 14 Ravi introduced capital Rs. 1,00,000
- 14 Paid into bank Rs. 15,000
- 15 Withdrew from Bank Rs. 1,500
- 16 Bought for office use a very old car for Rs. 30,000
- 17 Paid advertisement charges to 'Indian Express' Rs. 400
- 30 Paid the shop rent Rs. 250 to Mani, the owner of the building
- 30 Paid his two clerks – Muthu and Kittu Rs. 2,000 each as salary
- 30 Received commission Rs. 150 from Sakthi & Co. the stationary supplier
- 30 Received a cheque for dividend Rs. 750 from U.T.I
- 30 Ravi drew Rs. 1,500 from the business for his personal expenses

12. (a) What are the internal and external causes of depreciation?

Or

- (b) What is a trial balance? What are the objects of preparing a trial balance?

13. (a) What are the classification of profitability ratio?

Or

(b) The following information of Alpha Company is given : current ratio = 2.5:1, Acid test ratio = 1.5:1, current liabilities = Rs. 50,000.

Find out :

- (i) Current assets
- (ii) Liquidity assets
- (iii) Inventory.

14. (a) Briefly explain the different classifications of budget.

Or

(b) What is a cash budget how is it prepared?

15. (a) Distinguish between controllable and non controllable cost.

Or

(b) What are the main features of marginal costing?

**Part C**

(3 × 10 = 30)

Answer **all** questions choosing either (a) or (b).

16. (a) Journalize the following transactions, post them in the ledger and balance the accounts as on 31<sup>st</sup> December, 2008

- Dec. 1 Rajini started business with a capital of Rs. 50,000
- 2 He purchased furniture for Rs. 5,000
- 3 He bought goods on credit from Vinod for Rs. 8,000
- 14 He sold goods to Suresh for Rs. 5,000
- 15 He received cash from Suresh Rs. 3,000
- 18 He purchased goods for cash Rs. 12,000
- 27 He sold goods for cash Rs. 8,000
- 28 He paid rent Rs. 1,200
- 31 He paid Vinod Rs. 3,000 on a/c.

Or

(b) Explain the accounting concept in detail.

17. (a) From the following balances extracted from the trial balance of Mr. Raja. You are required to prepare a trading and profit and loss a/c for the year ending 31.3.2009.

	Rs.		Rs.
Stock on 1.4.2008	3,000	Sales	72,000
Purchases	25,000	Purchase returns	4,000
Wages	4,000	Interest received	6,000
Sales returns	2,000	Discount received	4,500
Carriage	1,500	Commission received	5,000
Cartage	2,500		
Rent	6,000		
Salaries	10,000		
General expenses	10,000		
Advertisement	6,000		
Electric charges	4,000		

The closing stock on 31<sup>st</sup> March 2009 Rs. 2,500.

Or

- (b) Briefly explain the various methods of providing depreciation and their merits and demerits.
18. (a) An asset is purchased for Rs. 25,000. Depreciation is to be provided annually according to the straight – line method. The useful life of the asset is 10 years and the residual value is Rs. 5,000. You are required to find out the rate of depreciation and prepare asset account for the first three years.

Or

- (b) “Costs may be classified according to their nature and a number of characteristics”. Discuss this statement while classifying costs.

**C-4187**

**Sub. Code**

**80914**

**M.B.A. DEGREE EXAMINATION**

**LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

**APRIL 2021 EXAMINATION**

**&**

**APRIL 2020 ARREAR EXAMINATION**

**First Semester**

**INDUSTRIAL ECONOMICS**

**(CBCS – 2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. List the advantages of sole proprietorship.
2. What is meant by NNP?
3. How is quinary an essential activity for India?
4. What is meant by industrial inertia?
5. What is meant by tripartite machinery?
6. What is the objective of industrial policy?
7. What is a sick enterprise?
8. Why is broadbanding of industries made?

9. What is meant by brown field FDI?
10. What is meant by Multinational Corporation?

**Part B**

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Discuss the need for promoting startups in India.

Or

- (b) Discuss why government needs to take care of formal as well as informal sectors.

12. (a) Explain Sargent's theory of location.

Or

- (b) Explain spatial planning and its relevance to the economy.

13. (a) Discuss the different types of labour.

Or

- (b) State the importance of labour in production.

14. (a) Explain the classification of industries.

Or

- (b) Explain the schemes made by the government to develop backward areas.

15. (a) Detail the different types of FDI.

Or

- (b) State the objectives of foreign collaboration.

**Part C**

(3 × 10 = 30)

Answer **all** questions choosing either (a) or (b).

16. (a) Discuss the factors influencing industrial productivity.

Or

- (b) “Growth of an economy rest with the growth of industries”. Discuss.

17. (a) Discuss the geographical and non-geographical factors affecting industrial location.

Or

- (b) Discuss the different machineries to settle industrial disputes.

18. (a) Detail the role of large scale industries in Indian economy.

Or

- (b) Explain the regulations for investing in Indian companies.

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**C-4191**

**Sub. Code**

**80921**

**M.B.A. DEGREE EXAMINATION**

**LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

**APRIL 2021 EXAMINATION**

**&**

**APRIL 2020 ARREAR EXAMINATION**

**Second Semester**

**PRODUCTION AND MATERIALS HANDLING IN  
LOGISTICS**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What do you mean by material handling?
2. What is operations management?
3. Define the term production.
4. State the objective of production management.
5. Which factors influence the choice of production processes?
6. What is Work sampling?
7. What is Work study?



8. Mention different types of cranes.
9. How to handle ODC material?
10. What are surface tension equipments?

**Part B** (5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Discuss principles and objectives of material handling.

Or

- (b) Explain the scope and objectives of Production planning.

12. (a) How does a good plant layout help to improve productivity?

Or

- (b) Discuss the following statement “Some industries are located near the source of raw materials. Where as some near the markets for finished goods”?

13. (a) Explain the steps involved in method study work measurement.

Or

- (b) Explain work study procedures.

14. (a) Describe three types of material handling equipments used at sea port.

Or

- (b) Explain the important parts of crane.

15. (a) Describe different types of conveyors.

Or

(b) Discuss in detail how to handle ODC materials.

**Part C**

(3 × 10 = 30)

Answer **all** questions choosing either (a) or (b).

16. (a) “Importance and scope of materials management function has increased with globalization and competition”. Discuss the statement in context of Indian manufacturing organizations.

Or

(b) “Careful planning is required in deciding plant location as well as type of layout” – Comment.

17. (a) Calculate the standard time per unit produced given the following data obtained by a work sampling study.

- Total No.of observations = 2500
- No.of working observations = 2100
- No.of units produced in 100 hours = 6000
- Proportion of manual labour = 2/3
- Proportion of machine time = 1/3
- Observed rating factor = 115%
- Total allowances = 12% of normal time

Or

- (b) Explain various types of material handling equipments and their usage for bulk raw materials, petroleum products, spares and consumables and finished goods.
18. (a) Elaborate the usage of different types of Cranes in Material handling.

Or

- (b) Explain the usage of surface tension equipments in Material handling.
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**C-4192**

**Sub. Code**

**80922/**

**81022**

**M.B.A. DEGREE EXAMINATION**

**LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

**APRIL 2021 EXAMINATION**

**&**

**APRIL 2020 ARREAR EXAMINATION**

**Second Semester**

**HUMAN RESOURCE MANAGEMENT**

**(Common for M.B.A., (L & SCM)/M.B.A., IS & L))**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is e-HRM?
2. What is algorithm?
3. What is job analysis?
4. What do you mean by selection?
5. Define training.
6. What is performance appraisal?
7. What do you understand by living wages?
8. What is fringe benefits?
9. What is IHRM?
10. What is culture shock?

**Part B**

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) What is HRM? What are its objectives?

Or

- (b) Explain the HRM models.

12. (a) What do you understand by Human Resource Planning? What are its importance?

Or

- (b) From an HR managers. Point of view what are the uses of job analysis?

13. (a) Bring out the barriers to effective training. How do you overcome them?

Or

- (b) Outline the methods of job evaluation.

14. (a) Explain the various steps in the benefits administration.

Or

- (b) What are the factors that influencing employee remuneration?

15. (a) Explain the different activities of IHRM.

Or

- (b) How is expat performance assessed?

**Part C**

(3 × 10 = 30)

Answer **all** questions choosing either (a) or (b).

16. (a) Outline the policies and principles of HRM.

Or

- (b) As organizations become more global, HRP becomes more important and complex – Elucidate.

17. (a) Bring out the factors which influence recruitment.

Or

- (b) What are the common interview problems? How can they be overcome?

18. (a) What is orientation? What are its purpose and pitfalls?

Or

- (b) Explain the different types of incentive systems.
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**C-4193**

**Sub. Code**

**80923/**

**81023**

**M.B.A. DEGREE EXAMINATION**

**LOGISTICS AND SUPPLY CHAIN MANAGEMENT  
(IS & L)**

**APRIL 2021 EXAMINATION**

**&**

**APRIL 2020 ARREAR EXAMINATION**

**Second Semester**

**FINANCIAL MANAGEMENT**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define financial management.
2. What is cost of debts?
3. What is NOI approach?
4. What is financial leverage?
5. Define capital budgeting.
6. What do you mean by lease?
7. Define working capital management.

8. What is Payback?
9. What is stock dividend?
10. What do you mean by portfolio management?

**Part B** (5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) What are the characteristics of financial management?

Or

- (b) What is the cost of preference share? Explain various approaches of computing it.

12. (a) What are the roles of preference shareholder?

Or

- (b) The operating and cost data of ABC Ltd. are :

Rs.

Sales	20,00,000
Variable cost	14,00,000
Fixed cost	Rs. 4,00,000 (including 5% interest on Rs. 10,00,000)

Calculate its operating, financial and combined leverages.

13. (a) What are the objectives of capital expenditure budget?

Or



- (b) Calculate the average rate of return for project and Y from the following :

	Project X Rs.	Project Y Rs.
Investment	30,000	40,000
Net profit for year 1	6,000	12,000
2	6,000	10,000
3	4,000	8,000
4	4,000	6,000
5	—	4,000

14. (a) From the following information, you are required to forecast their working capital requirement.

Projected Annual sales	Rs. 65,00,000
Percentage of net profit on cost of sales	25%
Average credit period allowed to debtors	10 weeks
Average credit period allowed by creditors	4 weeks
Average stock carrying (in terms of sales requirement)	8 weeks

Add 10% to computed figures to allow for contingencies.

Or

- (b) Explain the limitations of inadequate and excessive working capital.
15. (a) What are the different forms of dividend?

Or

- (b) Explain the importance of the capital structures.

**Part C**

(3 × 10 = 30)

Answer **all** questions choosing either (a) or (b).

16. (a) Explain the significance of cost of capital.

Or

- (b) Explain the major role and responsibilities of financial manager.

17. (a) A company expects a dividend of Re. 1.00 per share next year and is expected to grow at 6% per year perpetually. Determine the cost of equity capital, assuming the market price per share is Rs. 25.

Or

- (b) What are the factors which influence the dividend policy of a firm?

18. (a) A company issued 10% irredeemable debentures of Rs. 1,00,000. The company is in the 55% tax bracket. Calculate the cost of debt (before as well as after tax) if the debentures are issued at

- (i) par
- (ii) 10% discount
- (iii) 10% premium.

Or

- (b) Explain the different forms dividend.

**C-4194**

**Sub. Code**

**80924/**

**81024**

**M.B.A. DEGREE EXAMINATION**  
**LOGISTIC AND SUPPLY CHAIN MANAGEMENT**  
**APRIL 2021 EXAMINATION**  
**&**  
**APRIL 2020 ARREAR EXAMINATION**

**Second Semester**

**RESEARCH METHODS FOR BUSINESS / RESEARCH  
METHODS FOR MANAGEMENT**

**(Common for M.B.A., (L & SCM),/M.B.A (IS & L))**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. What is Research Methodology?
2. What is meant by Research Process?
3. How will you determine the sample size?
4. What is Sample design?
5. Explain the types of Questionnaire.
6. What is Secondary Data?
7. Brief a note on Central Tendency.
8. Brief a note on Simple Correlation.

9. What are the precautions to be taken while writing a Research Report?
10. What are the characteristics of Research Report?

**Part B** (5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Explain the process followed in basic and applied research. What are the major differences between the two efforts?

Or

- (b) What are the criteria of a good Research?

12. (a) Explain various types of Non-Probability Sampling.

Or

- (b) Describe the procedure for hypothesis testing with a flow diagram.

13. (a) Write a note on Observation and Experimentation.

Or

- (b) Enumerate Questionnaire Vs Schedule.

14. (a) Calculate Arithmetic Mean and Mode for the following Data :

Weight (in kgs)	20-25	25-30	30-35	35-40	40-45
No.of boys	15	25	30	18	12

Or

- (b) Write short note on Analysis of Variance.

15. (a) Outline the structure of a Research Report.

Or

- (b) What do you mean by Research Report? What is the importance of Research Report?

**Part C** (3 × 10 = 30)

Answer **all** questions choosing either (a) or (b).

16. (a) Define and explain the term 'Research'. Briefly explain the objectives of Research.

Or

- (b) Discuss the various types of Measurement Scales.

17. (a) Explain the significance of Primary Data. What are the limitations of Primary data?

Or

- (b) Find the regression equation of X on Y and Y on X for the following data :

$$n = 10, \sum X = 250, \sum Y = 320, b_{yx} = 0.95, b_{xy} = 1.05$$

18. (a) What are the types of research report? Explain them in brief.

Or

- (b) Discuss the guidelines for preparing bibliography.

**C-4195**

**Sub. Code**

**80925**

**M.B.A. DEGREE EXAMINATION**

**(L & SCM)**

**APRIL 2021 EXAMINATION**

**&**

**APRIL 2020 ARREAR EXAMINATION**

**Second Semester**

**LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define Sourcing Strategy.
2. What are the drivers of logistics management?
3. Define Planning Networks.
4. Define value addition.
5. What is bullwhip effect?
6. What is Probabilistic Inventory?
7. Define Utilization.
8. Write about the different modes of Transportation.
9. Write a short note on effective logistics strategy.
10. What is global supply chain?

**Part B**

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Write a detailed note on outsourcing of logistics and supply chain management in an organization.

Or

- (b) Explain the performance measurement of logistics operations in detail.

12. (a) Explain the process of value addition in detail.

Or

- (b) Write a detailed note on role of IT Framework for IT adoption.

13. (a) Define Riskpooling. Explain the concepts in detail.

Or

- (b) Elucidate the different warehousing design layouts in detail.

14. (a) Elaborate the strategies for transportation in detail.

Or

- (b) What is Packaging? Explain the process in detail.

15. (a) Explain the strategic issues in global supply chain.

Or

- (b) Discuss the various forces driving globalization.

**Part C**

(3 × 10 = 30)

Answer **all** questions choosing either (a) or (b).

16. (a) Explain the logistics information system in detail.

Or

- (b) Discuss the Make vs. Buy Approach in Sourcing Strategy.

17. (a) Compare the concepts of 3PL and 4PL in detail.

Or

- (b) Discuss the different types of warehousing functions.

18. (a) Discuss in detail about the decision making under risk and decision making under uncertainty.

Or

- (b) Explain the strategies followed in planning and selecting proper distribution channel in logistics and supply chain management.
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**C-4196**

**Sub. Code**

**80926**

**M.B.A. DEGREE EXAMINATION**

**LOGISTICS AND SUPPLY CHAIN MANAGEMENT**

**APRIL 2021 EXAMINATION**

**&**

**APRIL 2020 ARREAR EXAMINATION**

**Second Semester**

**APPLIED OPERATIONS RESEARCH**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define Operations Research.
2. Write a brief note on shortcomings of Operation Research.
3. What are the applications of Linear Programming?
4. Write a short note on mathematical formulation of problem.
5. What do you understand by initial basic feasible solution?
6. Briefly discuss about special cases in assignment problem.
7. What is dominance rule?
8. What do you understand by two person zero sum games?
9. What are the significance of Queuing theory?
10. Define Simulation.

**Part B**

(5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Explain the Modelling in Operations Research.

Or

- (b) Discuss the Opportunities of Operations Research.

12. (a) Explain the steps in Simplex Method for solving Maximisation problems.

Or

- (b) Use the graphical method to solve the following LP problem.

$$\text{Minimize } Z = -x_1 + 2x_2$$

Subject to the constraints

(i)  $-x_1 + 3x_2 \leq 10$

(ii)  $x_1 + x_2 \leq 6$

(iii)  $x_1 - x_2 \leq 2$  and  $x_1, x_2 \geq 0$ .

13. (a) Write the steps involved in Hungarian Method.

Or

- (b) Determine an initial basic feasible solution to the following transportation problem by using the least cost method.

		Destination				Supply
		D1	D2	D3	D4	
Source	S1	1	2	1	4	30
	S2	3	3	2	1	50
	D3	4	2	5	9	20
	Demand	20	40	30	10	

14. (a) Explain the characteristics of Dynamic Programming.

Or

(b) Find the range of values of  $p$  and  $q$  that will render the entry  $(2, 2)$  a saddle point for the game :

		Player B		
Player A	B1	B2	B3	
A1	2	4	5	
A2	10	7	$q$	
A3	4	$p$	6	

15. (a) Write a note on Monte Carlo Method.

Or

(b) Explain the different types of Queuing model.

**Part C** (3 × 10 = 30)

Answer **all** questions choosing either (a) or (b).

16. (a) Explain the Origin and Development of Operations Research.

Or

(b) Discuss the application of Operations Research in Functional Areas of Management.

17. (a) Determine an initial basic feasible solution to the following transportation problem by using

(i) NWCR

(ii) VAM where  $O_i$  and  $D_j$  represent  $i^{\text{th}}$  origin and  $j^{\text{th}}$  destination, respectively.

		Destination				
		D1	D2	D3	D4	Supply
Source	O1	6	4	1	5	14
	O2	8	9	2	7	16
	O3	4	3	6	2	5
	Demand	6	10	15	4	

Or

(b) Discuss in detail about game theory.

18. (a) A company manufactures around 200 mopeds. Depending upon the availability of raw materials and other conditions, the daily production has been varying from 196 mopeds to 204 mopeds, whose probability distribution is as given below :

Production / Day:     196   197   198   199   200

Probability :           0.05   0.09   0.12   0.14   0.20

Production / Day:     201   202   203   204

Probability :           0.15   0.11   0.08   0.06

The finished mopeds are transported in a specially designed three-storeyed lorry that can accommodate only 200 mopeds. Using the following 15 random numbers : 82, 89, 78, 24, 53, 61, 18, 45, 23, 50, 77, 27, 54 and 10, simulate the mopeds waiting in the factory?

- (i) What will be the average number of mopeds waiting in the factory?
- (ii) What will be the number of empty spaces in the lorry?

Or

- (b) List out the Elements of Queuing System.
-

**C-4197**

**Sub. Code**

**80927/**

**81027**

**M.B.A. DEGREE EXAMINATION**

**APRIL 2021 EXAMINATION**

**&**

**APRIL 2020 ARREAR EXAMINATION**

**Second Semester**

**SHIPPING AND PORT MANAGEMENT**

**(Common for M.B.A. (L & SCM), M.B.A. (IS & L))**

**(2019 onwards)**

Duration : 3 Hours

Maximum : 75 Marks

**Part A**

**(10 × 2 = 20)**

Answer **all** questions.

1. Define the role of Intermediaries.
2. What are the different ship types?
3. Write a short note on trade routes.
4. Define Seaborne Trade.
5. Write about rail infrastructure.
6. What is Terminal Productivity?
7. Define the port services.
8. Write about the process of identifying stakeholder in port services.

9. Write a short note on terminals of health and safety issues.
10. What is coastal shipping?

**Part B** (5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Provide a detailed account on commonly used incoterms used in the international trade.  
Or  
(b) Explain the overall perspective of shipping as a function in detail.
12. (a) Explain the process of containerization in detail.  
Or  
(b) Write a detailed note on economic impact of ports.
13. (a) Define Inter Modal Connections. Explain the concepts in detail.  
Or  
(b) Elucidate the different performance indicators in detail.
14. (a) Elaborate the strategies for identifying stakeholders in detail.  
Or  
(b) What is Cabotage Law? Explain the process in detail.
15. (a) Explain the strategic issues in coastal shipping.  
Or  
(b) Discuss the various process involved in inland movement.

**Part C**

(3 × 10 = 30)

Answer **all** questions choosing either (a) or (b).

16. (a) Explain the environmental issues connected with ports in detail.

Or

- (b) Discuss the terminal health and safety issues connected with ports and terminals.

17. (a) Elaborate the markets of maritime transport in detail.

Or

- (b) Discuss the process of shipping and port management in executing international trade.

18. (a) Discuss in detail about the factors affecting terminal productivity.

Or

- (b) Explain the process involved in the development of port to tap the potential of coastal shipping.