

C-6043

Sub. Code

80414

B.Com. DEGREE EXAMINATION, APRIL 2022

First Semester

Logistics and Shipping

**BUSINESS ORGANIZATION AND OFFICE
MANAGEMENT**

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is Joint Stock Company?
2. Name two Non-Profit organizations.
3. What is a convertible debenture?
4. What is Debt?
5. Write the full form of NSE.
6. Expand the term NIFTY.
7. Mention any two types of Conventional method of filling.
8. What is Horizontal filling?
9. What is the use of Telex in an office?
10. What is use of Photo Copier in an office?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) List the merits and de-merits of Sole proprietorship.

Or

- (b) How a Private firm differs from a Public limited company?

12. (a) Write a note on pre-request in selecting an shopping industry.

Or

- (b) Explain (i) Convertible preference shares
(ii) Non-Convertible preference shares

13. (a) How a Capital market differs from money market?

Or

- (b) Write a note on steps in Trading and Settlement procedure.

14. (a) Write a detailed note on good office environment to employees and staff.

Or

- (b) Mention the elements of Office Environment.

15. (a) Write the importance of Office Furniture.

Or

- (b) Factors to be consider while choosing an Office equipment.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the seven steps of decision making process.

Or

- (b) Mention five name of companies (i) Public Sector undertaking (ii) Co-operative system.

17. (a) List and discuss the various factors in fixing the location in establishing an Industry.

Or

- (b) How a Trade credit differ from bank credit?

18. (a) Write a detailed note on the salient features of Stock exchange.

Or

- (b) Enumerate the function of Stock Exchange Board of India.

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80423

B.Com. DEGREE EXAMINATION, APRIL 2022

Second Semester

Logistics and Shipping

FINANCIAL ACCOUNTING

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define depreciation.
2. Write short note on 'straight line method'.
3. What is Royalty?
4. What is minimum rent?
5. How do you ascertain profit under single entry system?
6. Define single entry.
7. What is a department?
8. What do you understand the term dependent branches?
9. What is Hire Purchase Trading?
10. What is down payment?

Part B

(5 × 5 = 25)

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

11. (a) On 1.1.2000 there were machineries worth Rs. 1,80,000 in a business firm. On 30.6.2000 a machinery was purchased for Rs. 20,000. On 31.12.2000 a small machine was sold for Rs. 4,200 which was purchased for Rs. 4,000 on 1.1.2000. On 31.12.2001 a machine which was purchased on 1.1.2000 for Rs. 12,000 was sold for Rs. 8,000. Depreciation is provided at 10% per annum on fixed instalments basis.

Prepare machinery account.

Or

- (b) A firm desires to debit to profit and loss with a uniform figure every year in respect of repairs and renewals. It expects that considering the life of the asset in question, Rs. 9,000 will be the average amount to be spent per year. Actual repairs are Rs. 900 in the first year, Rs. 2,100 in the second year and Rs. 3,300 in the third year. Show the provision for repairs and renewals ledger a/c.

12. (a) Distinguish between permanent investments and current investments.

Or

- (b) A company leased a colliery on 1st January 2004 at a minimum rent of Rs. 20,000 merging into a royalty of Rs. 1.50 per ton with power to recoup shortworkings over the first three years of hire lease. The output of the colliery for the first four years was 9,000 tonnes, 12,000 tonnes, 16,000 tonnes and 20,000 tonnes respectively.

Pass the necessary journal entries for each of the four years in the books of the companies.

13. (a) M, a retail merchant commenced business with a capital of Rs. 12,000 on 1.1.2010. Subsequently on 1.5.10 he invested further capital of Rs. 5,000. During the year, he has withdrawn Rs. 2,000 for his personal use. On 31.12.2010 his assets and liabilities were as follows :

	Rs.
Cash at Bank	3,000
Debtors	4,000
Stock	16,000
Furniture	2,000
Creditors	5,000

Calculate the profit (or) loss made during the year 2010.

Or

- (b) What is conversion method in single entry system? How do you find profit or loss under conversion method?
14. (a) Explain the features of dependent branches.

Or

- (b) Salom, the proprietor of a departmental store, decided to calculate separate profits for his first two departments X and Y for the month ending 31st January 2010. Stock on 31st January could not be valued for certain unavoidable reasons but his rates of gross profit (calculated without reference to direct expenses) on sales for the two departments are 40 and 30%. The following figures are given :

	Dept X Rs.	Dept Y Rs.
Stock on 1 st Jan 2010	9,000	8,400
Sales	42,000	36,000
Purchases	27,000	21,600
Direct expenses	5,490	8,520

Indirect expenses for the whole business (containing five departments) are Rs. 10,800 which are to be charged in proportion to departmental sales, except as to one-sixth, which is to be divided equally. Sales for remaining three departments were Rs. 1,02,000. Prepare a statement showing profits for two departments X and Y.

15. (a) A purchased a machinery by the hire purchase system for Rs. 30,000 to be paid as follows :

Down payment	5,000
At the end of the I Year	7,000
At the end of the II Year	6,500
At the end of the III Year	6,000
At the end of the IV Year	5,500

Interest is charged on the cash value at 10% per annum. At what value should the machine be capitalised?

Or

- (b) Joe sends goods on sale or return basis to his customers. Caro, Din, Reni, Rose and Dan for Rs. 2,000. Rs. 1,600, Rs. 2,200, Rs. 1,400 and Rs. 1,200 respectively on 20th March 2015.

Goods are returnable within a period of 3 weeks. Reni returned the goods on 23rd Caro and Dan accepted them on 25th. For others, the period of weeks has not yet been expired.

Enter the transactions in the sale or return daybook.

Part C

(3 × 10 = 30)

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

16. (a) On 1st January, 2010, a limited company purchased machinery for Rs. 12,000 and on 30th June 2011 it acquired additional machinery at a cost of Rs. 2,000. On 31st March, 2012 one of the original machines which had cost of Rs. 500 was found to have become obsolete and was sold as scarp for Rs. 50. It was replaced on that date by a new machine costing Rs. 800.

Depreciation to be provide at the rate of 15% per annum on the written down value. Show ledger accounts for the first three years.

Or

- (b) A owned certain patent rights. He granted a license to 'B' to use such rights on a royalty basis. The following are the relevant particulars :

Year	Minimum rent Rs.	Royalty earned Rs.
2001	1,750	1,500
2002	2,000	1,800
2003	2,250	1,900
2004	2,500	2,750
2005	2,500	2,600

The deficiency of any year is to be set off against excess payable within the next two years. Give Journal entries in the books of B.

17. (a) Distinguish between single entry system and double entry book keeping system.

Or

- (b) A Calcutta trading firm has a branch at Patna to which the goods are charged out at cost plus 25%. Branch keeps its own sales ledger and remits daily all cash received to Head Office. All expenses are paid from the Head Office. The transactions for the branch for the year 2012 are given below :

	Rs.
Stock on 1.1.2012	55,000
Sundry Debtors on 1.1.2012	550
Petty cash balance on 1.1.2012	450
Cash sales	13,250
Collection of ledger accounts	1,05,000
Goods sent to branch	1,00,000
Goods returned to Head Office	1,500
Bad debts	1,500
Allowances to customers	1,250
Returns inwards	2,500
Cheques sent to branch	
For rent	2,500
For wages	1,500
For salary and other expenses	4,500
Stock on 31.12.2012	60,000
Sundry debtors on 31.12.2012	15,000
Petty cash on 31.12.2012 including sundry income of Rs. 50 not remitted	500

Prepare Branch trading and Profit and Loss A/c for the year 2012 in the Head Office Book.

18. (a) Chandran purchased a car on hire purchase system. The total cash price of the car is Rs. 1,59,800 payable Rs. 40,000 down and three instalments of Rs. 60,000, Rs. 50,000 and Rs. 20,000 payable at the end of first, second and third year respectively. Interest is charged at 5% p.a.

You are required to give journal entries and ledger a/c in the books of Chandran. Rate of depreciation is 10% on Straight Line method.

Or

- (b) What are the differences between hire purchase and instalment system?
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80424

B.Com. DEGREE EXAMINATION, APRIL 2022.

Second Semester

Logistics and Shipping

PRINCIPLES OF MARKETING

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the main objectives of marketing?
2. Write short note on ecological force.
3. What is market information?
4. What is packaging?
5. Write short note on Transportation.
6. Write short note on Consumer Durables.
7. What do you mean by market segmentation?
8. What is marketing mix?
9. Differentiate consumer with customer.
10. What is meant by marketing myopia?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) What is consumer behaviour? State its characteristic.

Or

- (b) Explain the bases for Market Segmentation.

12. (a) Explain about the significance of marketing information.

Or

- (b) Explain the elements in Risk bearing.

13. (a) Explain the concepts involved in sales promotion.

Or

- (b) Explain about the functions of middleman.

14. (a) Discuss about the significance of E- marketing.

Or

- (b) Explain modern marketing concepts.

15. (a) Explain about the Rights of consumers.

Or

- (b) State the advantages and disadvantages of Green Marketing.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the factors influencing consumer behaviour.

Or

- (b) Explain the different stage of product life Cycle. What is marketing house strategy at each stage?

17. (a) What is physical distribution of goods? Discuss various components of transportation mix.

Or

(b) Enumerate the importance of retailing in present marketing environment.

18. (a) Discuss in detail about the career opportunities in marketing.

Or

(b) Explain the role of Government in protecting consumer.

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80425

B.Com. DEGREE EXAMINATION, APRIL 2022.

Second Semester

Logistics and Shipping

ECONOMIC ANALYSIS

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define Economics.
2. What is meant by marginal utility?
3. Define Demand.
4. What is meant by consumer surplus?
5. What is meant by isoquant?
6. What is meant by economies of scale?
7. Bring out the difference between firm and industry.
8. What is break even pricing?
9. What is meant by price discrimination?
10. What is the remuneration to factors of production?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Discuss the nature and scope of economics.

Or

- (b) Explain the law of diminishing marginal utility.

12. (a) Explain the determinants of demand.

Or

- (b) Discuss the reasons for the downward slope of demand curve.

13. (a) Detail the various factors of production considered in the long run period.

Or

- (b) Explain the law of supply.

14. (a) Explain the price output determination under market period for perfect competition.

Or

- (b) Explain the reasons for monopoly.

15. (a) Explain the types of pricing adopted in the various stages of product life cycle.

Or

- (b) Explain the subsistence theory of wages.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) What is meant by Indifference curve? Explain its applications in decision making.

Or

- (b) Explain the various types of demand with suitable examples.

17. (a) Explain the short and long run production function.

Or

- (b) Explain the behaviour of various cost curves in the short and long run period.

18. (a) Discuss marginal productivity theory with critics.

Or

- (b) Explain the three degrees of price discrimination.
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80432

B.Com. DEGREE EXAMINATION, APRIL 2022.

Third Semester

Logistics and Shipping

HIGHER FINANCIAL ACCOUNTING

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define partnership.
2. What is Goodwill?
3. What is Gaining ratio?
4. What is meant by Liabilities?
5. What do you mean by dissolution?
6. What is Proportionate capital method?
7. What is Insolvency?
8. What is fire claims?
9. What is Voyage Accounts?
10. Define Inflation Accounting.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Distinguish between Admission of Partner and Treatment of Goodwill.

Or

- (b) What are the accounting treatments of death of a Partner?

12. (a) What are the rights of retiring Partner?

Or

- (b) What are the procedures of dissolution of partnership firm?

13. (a) What is Garner vs. Murray rule how it is applied under fixed and fluctuating capital system?

Or

- (b) What do you mean by proportionate capital method? Explain the kinds of proportion capital.

14. (a) What insolvency means? How long does insolvency process take?

Or

- (b) What is fire claim? How are fire insurance claims calculated?

15. (a) Explain the importance of voyage account.

Or

- (b) Explain the three major aspects in human resource accounting.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Spell out various types of partner. Give duties of partners in general.

Or

- (b) What is piecemeal distribution? What purpose does it serve?

17. (a) What are the necessary to make adjustments in the book values of assets and liabilities at the time of admission of a partner?

Or

- (b) Explain the theory of Final Accounts of Companies.

18. (a) Distinguish between dissolution and Insolvency of all partners.

Or

- (b) Explain the theory of Inflation Accounting.

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80433

B.Com. DEGREE EXAMINATION, APRIL 2022

Third Semester

Logistics and Shipping

COMMERCIAL LAW

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. How do you define the word 'Law'?
2. Define Consideration.
3. Define Contingent Contract.
4. What is meant by Discharge of contract?
5. Who is known as principal?
6. Mention the list of agents.
7. Define guarantee.
8. What is meant by Bailment?
9. Define contract of sale.
10. What is meant by Conditions?

Part B

(5 × 5 = 25)

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

11. (a) Describe the different types of offer.
Or
(b) Discuss the essential elements of consideration.
12. (a) Write short note on reciprocal promise.
Or
(b) Explain the mode of discharge of contract under mutual consent.
13. (a) Narrate the concept of personal liability of an agent.
Or
(b) Elucidate the rights and duties of principal.
14. (a) Enumerate the rights and duties of pledgee.
Or
(b) Explain the role of pledge by non-owners.
15. (a) Describe the essential elements of contract of sale.
Or
(b) Narrate the different kinds of goods associated with contract of sale.

Part C

(3 × 10 = 30)

Answer the following questions.

16. (a) Describe the various classification of contracts.
Or
(b) Narrate the different types of remedies available for aggrieved parties for breach of contract.

17. (a) Elucidate the various modes of creation of contract of agency.

Or

(b) Explain mode of discharge of surety.

18. (a) Differentiate between sale and agreement to sell.

Or

(b) Enumerate various flaws in consent as per Indian Contract Act, 1872.

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B.Com. DEGREE EXAMINATION, APRIL 2022

Third Semester

Logistics and Shipping

PRINCIPLES OF MANAGEMENT

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Mention any two functions of Manager.
2. Name the Theory formulated by F.W Taylor.
3. What do you mean by long term plan?
4. Why should manager plan?
5. What is formal organization?
6. Write the meaning of Span of Control.
7. Expand MBO.
8. Mention the name of any two theories of management , with reference to motivation.
9. What is verbal communication?
10. Define the term "Communication".

Part B

(5 × 5 = 25)

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

11. (a) Write a short note on the nature of management.

Or

- (b) Enumerate any five principles of FAYOL's theory on management.

12. (a) Explain the process of organization in detail.

Or

- (b) How decisions are made under uncertainty and risk?

13. (a) List various factors influencing the span of management.

Or

- (b) Draw and explain functional organization.

14. (a) Explain the theory of X and theory of Y.

Or

- (b) List and explain any two types of leadership.

15. (a) Mention the importance of communication w.r.t Management.

Or

- (b) Write a note on Oral and Written communication.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain how modern management concept is applied in a company.

Or

- (b) What do you understand by decision making? Explain its importance in an organization.

17. (a) Discuss line staff, functional staff functions with suitable chart.

Or

- (b) Discuss the concept of Management By Exception (MBE).

18. (a) Explain the different flows and flows of communications.

Or

- (b) Enumerate Maslow's theory of need motivation with diagram.

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80435

B.Com. DEGREE EXAMINATION, APRIL 2022

Third Semester

Logistics and Shipping

CORPORATE ACCOUNTING

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is Discount?
2. What is underwriting?
3. What is Preference share?
4. What is Sinking Fund?
5. Define Final Accounts.
6. What is Managerial Remuneration?
7. What is Goodwill?
8. What do you mean by Share?
9. What is a Company?
10. What is Deficiency account?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the features of Rights Issue of Shares.

Or

- (b) What is the difference between forfeiture of shares and surrender of shares?

12. (a) What is the procedure for redemption of preference shares?

Or

- (b) Explain the stages of issue of debentures?

13. (a) Explain the objectives of preparing final accounts.

Or

- (b) Explain the maximum limit of managerial remuneration.

14. (a) Explain the Factors Affecting the Value of Goodwill.

Or

- (b) What are the objectives of goodwill valuation?

15. (a) Define Liquidation. Explain the steps in liquidation of the company.

Or

- (b) Explain the statement of Affairs during a corporate insolvency procedure.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) What is meant by issue of shares? Explain the types and process of Issue of share.

Or

- (b) What is meant by Underwriting? Explain the types and objectives of Underwriting.

17. (a) Explain the theory of Redemption of Preference Shares.

Or

- (b) What is a Sinking Fund? Explain the advantages of sinking fund.

18. (a) Explain the methods for valuation of Goodwill.

Or

- (b) What is meant by deficiency account? Explain the accounting balances recorded in the deficiency account.

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80436

B.Com. DEGREE EXAMINATION, APRIL 2022

Third Semester

Logistics & Shipping

MATHEMATICS FOR BUSINESS

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. If $A = \{1, 2, 3\}$ find the power set of A .
2. Find the amount if Rs. 3,000 is invested at 20% p.a. for 5 years.
3. If $A = \begin{pmatrix} 1 & 2 \\ 3 & 4 \end{pmatrix}$ and $\begin{pmatrix} -1 & 0 \\ 2 & -3 \end{pmatrix}$ Find AB .
4. If $2A + B = \begin{pmatrix} 3 & -4 & 2 \\ 8 & 2 & 3 \\ -3 & 1 & 6 \end{pmatrix}$ and $B = \begin{pmatrix} 1 & 0 & 2 \\ 4 & -6 & -1 \\ 5 & 3 & 4 \end{pmatrix}$ Find A .
5. If $y = \sin x + \cos x$ find d^2y/dx^2 .
6. If $y = a^x$ find dy/dx .
7. Evaluate $\int \log x dx$.
8. Evaluate $\int_0^1 x^2(1-x) dx$.

9. What is the use of Graphical Method in LPP model?
10. Define Feasible Region.

Part B (5 × 5 = 25)

Answer **all** questions.

11. (a) Find 3 numbers in AP whose sum is 21 and the product of the first and third number of the sequence is 45.

Or

- (b) Find three numbers in GP whose sum is 26 and their product is 216.

12. (a) Find x, y, z given Matrices $A = \begin{pmatrix} x & 3 \\ 5 & -4 \\ -7 & 0 \end{pmatrix}$,

$$B = \begin{pmatrix} 1 & -2 \\ 6 & y \\ 9 & -3 \end{pmatrix} \text{ and } C = \begin{pmatrix} -1 & 5 \\ z & -8 \\ 4 & -9 \end{pmatrix} \text{ if } A + 2B - C = 0$$

also find $A - B - C$.

Or

- (b) If $A = \begin{pmatrix} 2 & -3 \\ 4 & -1 \end{pmatrix}$ and $B = \begin{pmatrix} 3 & 6 \\ 1 & 2 \end{pmatrix}$ find $3A + B^2$.

13. (a) (i) If $y = (\sin x - 3x)^5$ find dy/dx .
- (ii) Find the differentiation of $\log x - \sqrt{x}$ with respect to x .

Or

- (b) Differentiate the following with respect to x

(i) $(3x + 1)(x^2 - 2) \log x$

(ii) $\frac{\cos x + x^2}{\cos x}$.

14. (a) Integrate the following with respect to x

(i) $a + b \cos x + Ce^{2x}$

(ii) $\frac{2x-3}{x^2} + 3 + e^{-3x}$.

Or

(b) Integrate the following with respect to t

(i) $(t^2 - 1)(4 + 3t)$

(ii) $t^3 + \sin t$.

15. (a) Solve the given linear programming problems graphically: Maximize: $Z = 50x + 15y$ and the constraints are: $5x + y \leq 100$, $x + y \leq 50$, $x \geq 0$, $y \geq 0$.

Or

(b) One kind of cake requires 200 g of flour and 25g of fat, and another kind of cake requires 100 g of flour and 50 g of fat. Formulate this LPP model to 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.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) If $A = \begin{pmatrix} 1 & 4 & 3 \\ 2 & 1 & 5 \\ 3 & 2 & 1 \end{pmatrix}$ and $B = \begin{pmatrix} 5 & 2 & 1 \\ 4 & 3 & 2 \\ 2 & 1 & 5 \end{pmatrix}$ Verify that $AB \neq BA$.

Or

(b) Solve the following equations using matrices $2x + 3y - 5z = -7$; $-3x + 2y + 1z = -9$; $4x - y + 2z = 17$.

17. (a) Find the maximum and minimum value of function $f(x) = x^3 - 12x^2 + 36x + 17$.

Or

- (b) (i) If $y = a \cos x + b \sin x$, where $a, b \in \mathbb{R}$ verify $(d^2y/dx^2) + y = 0$.
- (ii) Find dy/dx and d^2y/dx^2 if $y = e^{2x} + \sin 2x + bx - a$.
18. (a) Using Graphical Method solve the following LPP
Maximize $Z = 225x + 200y$ subject to constraints
 $y \geq 25$; $x \geq 40$; $x + y \leq 150$ and $x, y \geq 0$.

Or

- (b) A furniture manufacturer produces wooden tables and chairs. The unit profit for tables is Rs 6, whereas for a chair is Rs 8, and the only two resources that the company uses to manufacture tables and chairs are the woods (board feet) and labour (hours). On an estimate, it takes 30 bf & 5 hours to complete a table, and 20 bf & 10 hours to complete a chair. The company has 300 bf of wood and 110 hours of labour available. The objective function of the company is to maximize profit and the decision variables are the resources that are the woods and the labourers. The constraint set can be the limitations on resource availability, which are 300 bf of wood and 110 hours of labour. Using LP problem graphical methods, the management can come to a decision on how to allocate the limited resources to maximize profits.

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80437

B.Com. DEGREE EXAMINATION, APRIL 2022.

Third Semester

Shipping and Logistics

BUSINESS APPLICATION SOFTWARE

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is a file?
2. What do you mean by Tool Bar and Menu Bar?
3. List out any three types of image file formats.
4. Write the short cut command for cut, copy and paste operations.
5. How to set the page numbers in a word document.
6. Define the term macro.
7. What is a function in excel?
8. What is auto fill option in excel? Give an example.
9. List out some of the types of charts available in excel.
10. How the table in excel differs from the table in word.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the menu items available in "INSERT".

Or

- (b) List and explain some of the advanced formatting features available in a word processor.

12. (a) Write the steps to create the following table.

S.No	Name	Dept	M1	M2	M3

Or

- (b) How to insert pictures / images in a word. What are the various formats and alignment that can be applied?

13. (a) Is it possible to merge two or more word documents? If yes how?

Or

- (b) What is a text field? What is the use of it?

14. (a) List out some of the domains where excel spreadsheet is applied by large.

Or

- (b) Explain the following functions with an example:

- (i) count
- (ii) stdev
- (iii) now
- (iv) concat
- (v) left

15. (a) What is a shape? List out some of the shapes available. How it can be plotted in a spreadsheet.

Or

- (b) Write the steps to perform:

To sort in ascending order

To highlight cells with duplicate values

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write down the importance of MS-WORD.

Or

- (b) Prepare your Curriculum Vitae in MS word.

17. (a) Design an Invitation in MS Word for Annual Day or a Cultural Festival that is going to be celebrated in your college.

Or

- (b) Write a letter in word document for interview call for. Create a data source. Merge the data source into the word document and mail or print it.

18. (a) The Marks of Students obtained in Maths, Physics, Chemistry and Biology subjects have been given
Ravi (32,90,68,91) Ram (48,65,32,45)
Sakshi (98,70,65,72) Barath (32,88,69,53) and
Suresh(85,55,84,40). Find out the highest Marks in each subject, Average (should be restricted to two decimal places) of each student and their percentage. Also Represent the Percentage of Marks in a pie chart in a Spreadsheet.

Or

- (b) What is a pivot table? Explain with an example

C-6054

Sub. Code

84738/80438

B.Com. DEGREE EXAMINATION, APRIL 2022

Third Semester

Logistics and Shipping

CONSTITUTION OF INDIA

**(Common to (B.Com. (L & S)/B.B.A./
B.Com. Degree Examination/B.B.A., CS & LM)**

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define constitution.
2. Who is Dr. Rajendraprasath?
3. Who is Vice President of India?
4. Define cabinet.
5. What is Loksabha?
6. What is Rajyasabha?
7. Define Union Judiciary.
8. What is the meaning for Rule of Law?
9. Define state.
10. Define executive.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Describe about making of constitution.

Or

- (b) Write short note about Dr. Rajendra Prasath.

12. (a) State the functions of President of India.

Or

- (b) State the functions of Prime Minister.

13. (a) Explain the powers of Union legislature.

Or

- (b) Explain the powers of Rajya Sabha.

14. (a) Explain supreme court functions.

Or

- (b) Explain the term Rule of Law.

15. (a) Explain the powers of legislature.

Or

- (b) Explain the powers of judiciary.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Discuss about fundamentals rights.

Or

- (b) Explain the role of Dr. B.R. Ambedkar related with constitution.

17. (a) Explain the function of cabinet.

Or

(b) Discuss the powers of Loksabha.

18. (a) Discuss the powers of Supreme Court.

Or

(b) Discuss the powers of executive.

C-6055

Sub. Code

80442

B.Com. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Logistics and Shipping

COMPUTER APPLICATIONS IN BUSINESS

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What are the uses of a computer?
2. Give two examples of output devices.
3. What is system software?
4. Give two examples of an operating system.
5. What are the uses of the Database?
6. What is information?
7. What do you mean by the Management information system?
8. Give two examples of a search engine.
9. What is internet addressing?
10. What are the different types of networking?

Part B

(5 × 5 = 25)

Answer **all** the questions.

11. (a) Explain the types of Digital computers.

Or

- (b) How are modern computers used in everyday business activities?

12. (a) What is an operating software? What are its functions?

Or

- (b) Explain the use of compiler in programming.

13. (a) What are the uses and limitations of the Database Management System?

Or

- (b) Describe the different types of DBMS.

14. (a) Discuss the characteristics of Management information system.

Or

- (b) Explain the need and advantages of business process outsourcing.

15. (a) What is Internet? How do you get access to the Internet?

Or

- (b) What is an E-mail? Discuss its advantages.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the characteristics of a computer. Describe the generations of computers.

Or

- (b) Give the uses of application software. How are interpreters used during programming?

17. (a) How is a Management information system used in the Marketing and production functions of a company?

Or

- (b) What is the role of a Database in a business? How Data processing is used for decision making in business? Explain with an example.

18. (a) Discuss in detail the various application of computers and internet.

Or

- (b) What is internet addressing? Explain the role of search engines in the business.

C-6056

Sub. Code

80443

B.Com. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Logistics and Shipping

COMPANY LAW AND SECRETARIAL PRACTICE

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Who is a share holder?
2. What does the doctrine of ultra vires say?
3. When can a nominee director be appointed?
4. When the government suggests removing the director?
5. What is a defunct company?
6. Who can make petition for the winding up of a company?
7. What is an agenda?
8. What is meant by resolution?
9. What is meant by quorum of the meeting?
10. What is the objective of statutory meeting?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) State the effects of certificate of incorporation.

Or

- (b) Explain the duties of a promoter under companies Act.

12. (a) Discuss the qualifications of a director.

Or

- (b) State how the remuneration for Directors are fixed.

13. (a) Detail the consequences of winding up order by the court.

Or

- (b) Discuss the powers of the court on hearing winding-up petition.

14. (a) State the rules relating to the appointment of company secretary.

Or

- (b) State under what grounds the company secretary could be removed without notice.

15. (a) Detail the reasons for the conduct of Board Meeting.

Or

- (b) Write about the different types of prospectus.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain the Articles of Association.

Or

(b) Explain the different types of companies.

17. (a) Explain the powers of a Director.

Or

(b) Detail the grounds for winding up of a company by the court.

18. (a) Explain the different types of company meeting.

Or

(b) Discuss the functions and duties of a company secretary.

C-6057

Sub. Code

80444

B.Com. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Logistics and Shipping

EXECUTIVE BUSINESS COMMUNICATION

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Define the term executive.
2. Write a short note on Neatness and cleanliness in business letter.
3. What is complaint letter?
4. Write the features of circular letter.
5. What do you mean by an agency letter?
6. List out the services rendered by the banker to their borrowers.
7. What kind of language is used in a minutes?
8. Write the objectives of report writing.
9. Define Interview.
10. Write the importance of business report presentations.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Explain the importance of effective Business communication.

Or

- (b) Explain the necessary parts of a Business letter.

12. (a) On which grounds the seller can refuse an order.

Or

- (b) What you mean by circular letter? Explain the features of circular letter.

13. (a) Explain the importance and functions of banks.

Or

- (b) Explain the various stages of arranging insurance cover.

14. (a) Write the duties of company secretary.

Or

- (b) What do you mean by agenda? Draft an agenda for company meeting.

15. (a) What you mean by public speech? How to make an effective speech?

Or

- (b) Explain the essentials for drafting a good interview letter.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain with illustration the structure of business letter.

Or

- (b) Write a circular letter announcing seasonal discount in your company.

17. (a) What is Insurance? Why is it desirable to get goods or property insured?

Or

- (b) As a Secretary of a company, draft circular announcing arrangements for a shareholders visit to the factory.

18. (a) What is Report Writing? Explain the features and types of report writing.

Or

- (b) What are the points that interviewer should keep in mind while staging and conducting interview?

C-6058

Sub. Code

80445

B.Com. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Logistics and Shipping

BANKING THEORY

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is Banking?
2. What is Commercial bank?
3. What is ATM?
4. What is Mutual Fund?
5. What is Central bank?
6. What is Credit control measures?
7. What is Indian money market?
8. What is Organised sector?
9. What is Rural financing?
10. What is development banking?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Briefly explain about Primary function of commercial bank.

Or

- (b) Discuss about the Balance sheet of commercial bank.

12. (a) Explain about types of factoring services.

Or

- (b) Discuss in detail types of Automated teller machine.

13. (a) Briefly discuss about credit control measure of RBI.

Or

- (b) Discuss about the steps taken by RBI to achieve greater financial inclusion.

14. (a) Explain about Objectives of money market.

Or

- (b) Explain about main features of Indian call money market.

15. (a) Briefly discuss about objectives of development banking.

Or

- (b) Discuss about History of RRB.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Discuss in detail about the various classification of banks.

Or

- (b) Explain about Functions of merchant banking.

17. (a) Write about role of RBI in regulating and controlling banks.

Or

- (b) Discuss in detail about importance of money market.

18. (a) Briefly explain about Functions of RRB.

Or

- (b) Discuss in detail about the functions of IDBI.

C-6059

Sub. Code

80446

B.Com. DEGREE EXAMINATION, APRIL 2022

Fourth Semester

Logistics and Shipping

STATISTICS FOR BUSINESS

(2019 onwards)

Duration: 3 Hours

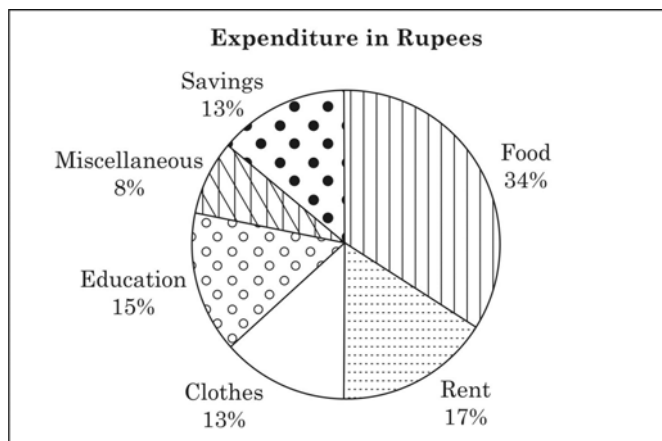
Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. If in each expenditure 1% is reduced what will be the savings (in Percentage)



2. Find the Mean and Median of the following data:
5, 7, 3, 9, 8, 7.

3. Write the formula for Pearson's and Bowley's Coefficient of Skewness.
4. Find the Standard Deviation for the following set of observation: 1, 3, 5, 4, 6 and 2.
5. Outline the formula for Spearman's Rank Correlation Coefficient.
6. The Coefficient of correlation between two variables X and Y is 0.32. Their covariance is 7.86. The variance of X is 10. Find the standard deviation of Y series.
7. Write any two Features of an Index Number.
8. If $P_0 = 10, 15, 40,$ and 25 ; $P_1 = 20, 25, 60,$ and 40 . Calculate the Index Number P_{01} by Simple Aggregate Method.
9. Write Newton's backward interpolation formula.
10. A card is drawn from a well shuffled pack of playing cards. What is the probability that it is either a spade or an ace?

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Represent the following data by means of percentage sub-divided bar diagram:

Particulars	1979	1980	1981
Cost per scooter			
Raw material	2160	2600	2700
Labour	540	700	810
Direct expenses	360	200	360
Factory expenses	360	300	360
Office expenses	180	200	270

Or

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(b) Find the Arithmetic Mean for the following data:

Age in Years	20-25	25-30	30-35	35-40	40-45	45-50
No. of employees	2	14	29	43	33	9

12. (a) Calculate the standard deviation from the following data

Age in Years	20	30	40	50	60	70	80
Number of members	3	61	132	153	140	51	3

Or

(b) Calculate the Quartile deviation Q_1 for the following data

Class Interval	0-10	10-20	20-30	30-40	40-50	50-60	60-70
Frequency	8	20	34	46	28	14	10

13. (a) The coefficient of rank correlation between the marks in Statistics and Mathematics obtained by a certain group of students is $\frac{2}{3}$ and the sum of the squares of the differences in ranks is 55. Find the number of students in the group.

Or

(b) For a given series of values, the following data were obtained, $\bar{x} = 36$, $\bar{y} = 85$, $\sigma x = 11$, $\sigma y = 8$ and $r = 0.66$. Find

- (i) two regression equations
- (ii) estimation of x when $y = 75$.

14. (a) Draw a trend line by Semi average method for the data given below.

Year	1980	1981	1982	1983	1984	1985
Sales (in Lakhs)	78	85	82	90	87	92

Or

- (b) Fit a Straight Line by the method of Least Square

x	3	4	4	6	8
y	4	5	6	8	10

15. (a) Two balls are drawn from a bag containing 3 R, 5G. What is the chance that they are
- (i) of different colours
- (ii) same colour?

Or

- (b) Using Lagrange's interpolation formula find $Y(10)$ from the following data

X	5	6	9	11
Y	12	13	14	16

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Estimate Karl Pearson's coefficient of correlation for the following data

x	25	28	35	32	36	36	29	38	34	32
y	43	46	49	41	36	32	31	30	33	39

Or

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C-6059

- (b) Determine the equation of regression line y on x for the following data :

x	25	28	35	32	36	36	29	38	34	32
y	43	46	49	41	36	32	31	30	33	39

17. (a) Determine the 4 Yearly moving averages and draw the trend curve.

Year	1972	1973	1974	1975	1976	1977
Value	41	61	55	48	53	62
Year	1978	1979	1980	1981	1982	1983
Value	60	67	73	78	76	84

Or

- (b) Determine the Price Index Number by Laspeyre's, Paasche's, Fischer's, Marshall-Edgeworth and Bowley's Method.

Commodity	1980		1981	
	Price	Quantity	Price	Quantity
A	20	15	30	10
B	30	18	40	15
C	10	20	45	10
D	15	25	25	5

18. (a) From the following data find θ at $x = 43$ and $x = 84$.

x	40	50	60	70	80	90
θ	184	204	226	250	276	304

Or

- (b) (i) A bag contains 3 R, 6 W and 7 B balls. What is the probability that 2 balls drawn are
- (1) W and B
 - (2) Same Colour and
 - (3) Different Colour
- (ii) A and B are events with $P(A) = 3/8$, $P(B) = 1/2$ and $P(AB) = 1/4$.
Find $P(A^c \cap B^c)$.
-

C-6066

Sub. Code

80457

B.Com. DEGREE EXAMINATION, APRIL 2022

Fifth Semester

Logistics and Shipping

LINER TRADE

(2019 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. What is Unitization?
2. Define liner trade.
3. What are the different Cargoes?
4. What is budgeting?
5. Write down the methods of tracking container fleet.
6. Expand and define ICDS.
7. Write a short note on paperless trading.
8. List down the different types of containers.
9. What is General Average (GA)?
10. State few carrier's liability for the cargo.

Part B

(5 × 5 = 25)

Answer **all** questions.

11. (a) Describe the Refrigerated cargo ships.

Or

- (b) Write about the major ports and liner trade routes.

12. (a) Explain port terminal management.

Or

- (b) Discuss about independent ship management.

13. (a) Describe the growth in world trade unitization.

Or

- (b) Expand and explain FCLS, LCLS.

14. (a) Write a note on the Bill of Lading clauses.

Or

- (b) What are the essential elements of Carriage of goods by sea act 1992?

15. (a) Describe the INCO terms.

Or

- (b) Explain the legal aspects of Bill of lading.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Explain vessel loading and discharging.

Or

- (b) Discuss the methods of lifting cargo and port handling equipment in detail.

17. (a) Explain the forms of Bill of lading and other liner documents.

Or

- (b) Explain the international conventions relating to Bill of lading and state its uses in liner trade.

18. (a) Explain the different methods of payments in International trade and the carrier insurance.

Or

- (b) What is container inventory? Discuss about the process of owning and leasing in detail.

C-5664

Sub. Code

**16/17/23/25/
26/27/29**

**Common for All U.G. B.Sc./B.B.A. DEGREE
EXAMINATION, APRIL 2022**

First/Second Semester

ENVIRONMENTAL STUDIES

(2019/2020 onwards)

Duration : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** the questions.

1. ZSI.
2. WII.
3. What is renewable energy?
4. Food web.
5. Pyramid of numbers in aquatic ecosystem.
6. Red data book.
7. List out any five Endemic species of India.
8. List out marine pollutants.
9. *Ex Situ* Conservation.
10. Enlist Option Values of Biodiversity.

Part B

(5 × 5 = 25)

Answer **all** the questions.

11. (a) Write notes on definition, scope and importance of environmental studies.

Or

- (b) Write notes on soil erosion and desertification.

12. (a) Write notes on energy flow in the ecosystem.

Or

- (b) Write notes on threads to biodiversity.

13. (a) Write notes on Biodiversity at Global, National and Local levels.

Or

- (b) Write notes on various strategies of conservation of Biodiversity.

14. (a) Write notes on ecological pyramids.

Or

- (b) Write notes on air pollution.

15. (a) Write notes on noise pollution.

Or

- (b) Write notes on effects and control measures of nuclear hazards.

Part C

(3 × 10 = 30)

Answer **all** questions.

16. (a) Write an essay on the multidisciplinary nature of Environmental Studies.

Or

- (b) Write an essay on the following resources with special emphasis to how they are overexploited/utilized which in turn damage the environment, (i) Forest Resources and (ii) Food Resources.

17. (a) Write an essay on “India is a mega-diversity nation”.

Or

- (b) Write an essay on Biodiversity and their values.

18. (a) Write an essay on causes, effects and control measures of (i) Marine Pollution and (ii) Water Pollution.

Or

- (b) Write an essay on concept, structure and function of ecosystem.