

(Please write your Exam Roll No.)

Exam Roll No.

END TERM EXAMINATION

THIRD SEMESTER [BBA] FEBRUARY 2023

Paper Code: BBA-203

BBA(B&I)-201

Subject: Marketing Management

(Batch 2021 Onwards)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q. No.1 which is compulsory.

- Q1 Answer **any five** from the following:- (5x5=25)
- (a) Elaborate STP.
 - (b) Outline the process of New Product Development.
 - (c) Discuss briefly the concept of PLC.
 - (d) What is Modern Marketing?
 - (e) Differentiate between Conventional & Vertical marketing Channel.
 - (f) Elaborate IMC.
 - (g) What is Sales promotion? How is it different from Personal Selling?
 - (h) Marketing satisfies needs by providing Utility. Elucidate.
- Q2 Explain Marketing process. What are different Marketing Philosophies and which one is the latest out of these? Do you agree with that philosophy of marketing? (12.5)
- Q3 What are the various basis on which market may be segmented? Explain the steps in the segmentation process. Also list the effective segmentation criteria. (12.5)
- Q4 What is positioning? Why is it an important part of marketing strategy? Explain any five basis that can be used by marketers for positioning of brands. (12.5)
- Q5 "Marketers use an array of tools for the purpose of communicating and promoting their products and services." In the light of above statement, explain the concept of Promotion Mix and its various components. (12.5)
- Q6 Differentiate between Marketing & Selling. What do you mean by Marketing Mix? Elaborate. (12.5)
- Q7 Discuss the process for determining the price of a product. What are different pricing strategies a company can adopt? (12.5)
- Q8 Write short notes on the following:- (12.5)
- (a) Digital Marketing
 - (b) Green Marketing
 - (c) Social Media Marketing



END TERM EXAMINATION

THIRD SEMESTER [BBA] FEBRUARY 2023

Paper Code: BBA207
BBA(B&I)203

Subject: Management Accounting
(Batch 2021 onwards)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q.No.1 which is compulsory.

- Q1 Answer **any five** from the following: (5x5=25)
- a) Difference between management accounting and financial accounting.
 - b) Zero base budgeting.
 - c) Margin of Safety
 - d) Relevant Cost and Sunk Cost
 - e) Make or Buy decision
 - f) Du point Analysis
 - g) What is the main use of spreadsheet?
 - h) Cash Flow Statement

- Q2 Discuss the computation and significance of the following financial ratio:
i) Current ratio (ii) Quick Ratio (iii) Interest Coverage ratio (iv) Earning Per Share (v) Stock turnover ratio (12.5)

- Q3 Ranbaxy Pvt Ltd is expected to have Rs. 25,000 in its bank account on 1.4.2022. Prepare a cash budget for April, May, and June 2022 from the following estimates. (12.5)

Month	Sales	Purchase	Salary	Administrative Expenses	Selling Expenses
February	50,000	30,000	6,000	9,000	3,000
March	56,000	32,000	6,500	9,500	3,000
April	60,000	35,000	7,000	10,000	3,500
May	80,000	40,000	9,000	11,500	4,500
June	90,000	40,000	9,500	12,500	4,500

Other information:

- a) 20% sales on cash. Balance on credit and amount to be collected in the next month.
- b) Suppliers are paid second month following the purchases.
- c) Workers salary paid in the same month.
- d) Administrative and selling expenses are paid in the next month.
- e) Dividend of Rs 10,000 and Bonus to workers of Rs 15,000 are to be paid in May.
- f) Income tax of Rs 25,000 to be paid in June.

- Q4 Prakash Steel Co. has prepared the following budget estimates for the year 2014-15: (5+7.5=12.5)

Sales units:	15,000
Fixed Expenses	Rs. 34,000
Sales value	Rs. 1,50,000
Variable Costs	Rs. 6 per unit



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You are required to:

- a) Find the P/V ratio, Break-even Point and Margin of Safety.
- b) Calculate the revised P/V Ratio, Break even point and Margin of safety in each of the following cases:
 - i) Decrease of 10% in selling price
 - ii) Increase of 10% variable costs.
 - iii) Increase of sales volume by 2000 units
 - iv) Increase of Rs 6,000 in fixed costs.

Q5 How marginal costing is different from absorption costing and direct costing? Discuss advantage of marginal costing. (12.5)

Q6 a) From the following data, calculate (a) Material Cost Variance (b) Material Price Variance (c) Material Usage Variance (d) Material Mix Variance (5)

Name of material	Standard		Actual	
	Kg	Rate	Kg	rate
X	8000	1.05	7500	1.20
Y	3000	2.15	3300	2.30
Z	2000	3.30	2400	3.50

b) Explain in detail comparative financial statements and trend percentage as tools of financial analysis. (7.5)

Q7 Super Fashion Pvt. Limited submits the following information of cost in respect of its two products: (12.5)

Particulars	Waxy (per unit) (Rs.)	Glaxy (per unit) (Rs)
Direct Material	20	30
Direct Wages	20	15
Variable overhead	15	25
Fixed overhead	15,000	15,000
Selling price	75	125

You are required to recommend the management the profitable sale mix from the below mentioned alternatives:

- a) 600 units of Waxy only.
- b) 800 units of Glaxy only.
- c) 100 units of Waxy and 300 units of Glaxy.
- d) 300 units of Waxy and 200 units of Glaxy.

Q8 Define budgetary control. State its objectives. Explain the process by which various budgets are prepared. Distinguish between fixed budget and flexible budget. (12.5)



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THIRD SEMESTER [BBA] JANUARY-FEBRUARY 2023

Paper Code: BBA 209 Subject: Production & Operations Management

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q.No.1 which is compulsory.

(5x5=25)

- Q1. Answer **any five** from the following:
- (a) Compare the features of continuous and intermittent production system.
 - (b) Define different types of cost associating with the inventories.
 - (c) Describe the role of Routing and Scheduling for optimizing the production.
 - (d) Describe the elements of SIX SIGMA.
 - (e) Differentiate CAD & CAM.
 - (f) Define ABC &VED analysis of inventory control.
 - (g) Define different features of product design
 - (h) ERP
- Q2. Define Production & Operations Management. Also elaborate objectives and scope of POM? (12.5)
- Q3. Plant location is one of the crucial decisions for an entrepreneur. Enumerate and explain the concept of plant location and all the major factors to be considered while selecting a location for setting up a plant. (12.5)
- Q4. Elaborate EOQ model of Inventory control along with its assumptions and formula. Also describe the role of ordering & carrying cost in this model. (12.5)
- Q5. What do you meant by maintenance management? Briefly describe all the types of maintenance. (12.5)
- Q6. Explain the concept of TQM& quality control. What are the different phases of quality control to be taken into account while designing and delivering a product? (12.5)
- Q7. Define the concept of plant layout also explain all the types of plant layout along with their advantages & disadvantages. (12.5)



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P/1/2

- Q8. (a) An auto industry purchase electronic component at the rate of Rs. 25 per piece. The annual usage is 18000 units, if ordering cost is Rs. 250 per order and carrying cost is 25% p.a, what would be the EOQ?
- (b) ABC Company is evaluating three locations for setting up a new plant and has weighted the relevant scores as given below. Using these scores, develop a qualitative factor comparison for the three locations. (12.5)

Relevant Factors	Assigned Weight	Scores for Locations		
		A	B	C
Production cost	0.35	50	40	60
Raw material supplied	0.25	70	80	80
Labor availability	0.20	60	70	60
Transportation cost	0.10	80	70	40
Markets	0.07	50	60	70
Environment	0.03	70	90	80
Total	1			



END TERM EXAMINATION

THIRD SEMESTER [BBA] JANUARY-FEBRUARY 2023

Paper Code: BBA 211/B&I-209 Subject: Business Research Methodology

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q.No. 1 which is compulsory. Select one question from each unit. All questions carry equal marks.

SECTION A

- Q1. Answer the following:-
- (a) Distinguish between Reliability and Validity.
 - (b) What are mediating variables in research? How these are different from moderating variables?
 - (c) What do you understand by research problem formulation?
 - (d) How is the sample size computed for primary data calculation in business research?
 - (e) What is the meaning of citation? Mention the names of any 3 citation styles.

SECTION B

UNIT-I

- Q2. What are the tenets of good business research? Also give a taxonomy of various types of business research. Which one is more appropriate in context of business and why?
- Q3. What is a research design? Why is it referred to as the heart and soul of research?

UNIT-II

- Q4. Explain different methods of data collection used in business research. Also distinguish between qualitative and quantitative data.
- Q5. What is a longitudinal study? When is it used? Give examples to elucidate.

UNIT-III

- Q6. NRF tyres manufacturing company claims that the average life of its car tyres is 70000 kms. A sample of 10 customers has provided following details:

Customer No.	Life of Car Tyres (in Kms.)
1	65000
2	74000
3	82000
4	78000
5	54000
6	60000
7	70000
8	77000
9	74000
10	61000

Ascertain whether the claim made by the company is correct using appropriate method.

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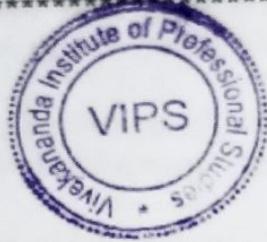
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Q7. What is the importance of a questionnaire in data collection? Discuss the guidelines used to formulate an effective questionnaire.

UNIT-IV

Q8. What are the essentials of a good research report? Why is it prepared?

Q9. What is the importance of ethics in research? What are the various issues of research in context of business research? Give examples to prove your point.



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THIRD SEMESTER [BBA] FEBRUARY-2023

Paper Code: BBA-217

Environmental Studies

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q.No1 which is compulsory.

- Q1 Answer **any five** of the following:- (5x5=25)
- (a) Food Chain and food web.
 - (b) Dams-benefits and problems
 - (c) Ecological Pyramids
 - (d) COP 27
 - (e) Carbon foot printing
 - (f) In-situ and Ex-situ conservation
 - (g) Sustainable Development
 - (h) Single use plastic ban India
- Q2 Discuss in detail about Kyoto Protocol and Montreal protocol. (12.5)
- Q3 Explain the concept of Environmental Impact Assessment in detail. Also critically discuss about the India's EIA Norms. (12.5)
- Q4 Explain the types of Ecosystem with advantages and disadvantages of each. (12.5)
- Q5 Discuss about climate change & global warming in context of recent global issues. (12.5)
- Q6 Explain the causes of air pollution with its health impacts. (12.5)
- Q7 Discuss about the non-renewable sources of energy and its future. (12.5)
- Q8 Write short notes on the following:- (12.5)
- (a) The Chemical weapons convention
 - (b) Thermal pollution-causes, effects and control.
 - (c) Role of Environmental Ethics



END TERM EXAMINATION

THIRD SEMESTER (BBA) JANUARY-2024

Paper Code: BBA-201

Subject: Business Laws

BBA(CAM)-201

Time: 3 Hours

Maximum Marks :75

Note: Attempt five questions in all including question no.1 which is compulsory..

Q1 Answer any five from the following:

(5x3=15)

- Difference between contract and agreement
- Breach of contract
- Difference between express and implied contracts
- Doctrine of indoor management
- Sale by non owners
- Lifting of corporate veil
- Dissolution of partnership
- Endorsement

Q2 Go through the following case studies and write answers.

- Mr. Arjun bought a motor car from Karan and used it for four months. Karan had no title to the car, and consequently Arjun had to surrender it to the true owner. Arjun sued to recover the total purchase price he had paid to Karan.
 - Whether there is a breach of condition? (3)
 - Whether the buyer is entitled to recover the total purchase price? (3)
- Modern Furniture and Associates, a firm dealing with the wholesale and retail buying and selling of various kinds of wooden logs, customized as per the requirement of the customers. Mr. Dev, a customer came to the shop and asked for wooden logs measuring 4 inches broad and 8 feet long as required by the carpenter. Mr. Dev specifically mentioned that he required the wood which would be best suited for the purpose of making wooden doors and window frames. The shop owner agreed and arranged the wooden pieces cut into as per the buyers requirements. The carpenter visited Mr. Dev's house next day, and he found that the seller has supplied Mango Tree wood which would most unsuitable for the purpose. The carpenter asked Mr. Dev to return the wooden logs as it would not meet his requirements. The shop owner refused to return the wooden logs on the plea that logs were cut to specific requirements of Mr. Dev and hence could not be resold.
 - Explain the duty of the buyer and the seller according to the doctrine of "Caveat Emptor". (6)
 - Whether Mr. Dev would be able to get the money back or the kind of wood as required serving his purpose? (3)

Q3 (a) What are the various ways in which a contract may be discharged? (8)

(b) What is a quasi contract? Narrate legal provisions of it. (7)



- Q4 Discuss the procedure for conversion of partnership into LLP (15)
- Q5 Implied conditions and implied warranties under the Sale of Goods Act, 1930 are considered to be exceptions to the general rule of caveat emptor Explain in detail (15)
- Q6 Differentiate between any three: (3x5=15)
- (a) Memorandum of association and articles of association
 - (b) Partnership and LLP
 - (c) One person company
 - (d) Private limited company and public limited company
- Q7 What are the various types of negotiable instruments? Explain in detail (15)
- Q8 Define cheque. Explain the types and effects of crossing made on cheques (15)



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THIRD SEMESTER [BBA] JANUARY 2024

Paper Code: BBA203

Subject: Marketing Management

[BATCH 2021 ONWARDS]

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five questions.

- Q1 "The Evolution of the concept of Marketing has been a gradual process." Explain the philosophies of marketing while throwing light on the above statement? (15)
- Q2 Explain Segmentation, Targeting and Positioning? Which are the most suitable criteria for market segmentation. (15)
- Q3 What is New Product Development? Why is test marketing imperative before commercialization? (15)
- Q4 What is the pricing process adopted by organizations? Explain the different pricing methods and distinguish between skimming and penetration techniques with suitable examples. (15)
- Q5 What are the factors that influence choice of distribution channels? Explain the functions of the intermediaries. (15)
- Q6 What do you understand by promotion mix? What are the factors that influence the choice of promotional tools by an organization? (15)
- Q7 Rural Markets are the new destination to boost sales and profits. Why are companies targeting rural markets in the current times to meet their desired sales figures. (15)
- Q8 Green marketing techniques help in conserving the environment while also making profits. What according to you are the trending tools of Green Marketing. (15)



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THIRD SEMESTER (BBA) JANUARY-2024

Paper Code: BBA-205

Subject: Human Resource Management

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q.no.1 which is compulsory.

Q1 Answer any five of the following:

(5x5=25)

- a) Explain MBO.
- b) Compare transfers and promotions?
- c) Difference between Time Wage system and Piece Wage system?
- d) Explain the concept and objectives of Human Resource Information system in an industrial organization.
- e) Distinguish between recruitment and Selection. Explain the steps followed in selection process.
- f) Difference between Training and Development?
- g) Explain the need of HR audit. What are the areas of HR audit?
- h) "Job description and job specification are the two by products of job analysis". Discuss this statement.

Q2 "Human Resource Management is a basic management function pertaining to all levels and all types of management." Discuss. (12.5)

Q3 "The importance of training and development has increased tremendously in the present era of globalization and liberalization." Explain this statement. (12.5)

Q4 Define performance appraisal and explain its significance in managing human resources? (12.5)

Q5 Discuss the role of HR manager in building up core competence and creating competitive advantage? (12.5)

Q6 "Socialisation is an exercise in adaptation to the new work environment." Comment. (12.5)

Q7 Explain the rationale of employees' health. What is the role of HR department in providing healthy working environment in industrial enterprises? (12.5)

Q8 Short notes:

- (a) VRS
- (b) Potential Appraisal
- (c) Work life balance.

(4+4+4.5=12.5)



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THIRD SEMESTER (BBA) JANUARY-2024

Paper Code: BBA-207

Subject: Management Accounting

(Batch-2021 Onwards)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q. no.1 which is compulsory. All questions carry equal marks.

- Q1 Write note on **any five** from the following.
- (a) Zero based budgeting
 - (b) Angle of incidence
 - (c) Capital Gearing Ration
 - (d) COGS
 - (e) Capital Gearing
 - (f) Calculation of cash flow from financing activities in cash flow statement
 - (g) Contribution
 - (h) Semi-variable overheads

- Q2 Management accounting is an extension of financial accounting. Illucidate explain the need for management accounting.

- Q3. (a) M/s Anamika company has drawn up the following profit and loss account for the year ended 31st march, 2019...

Particulars	Amount	Particulars	Amount
Opening Stock	26,000	Sales	1,60,000
Purchases	80,000	Stock	38,000
Wages	24,000		
Manufacturing Expenses	16,000		
Gross Profit	52,000		
Total	1,98,000	Total	1,98,000
Selling and distribution Expenses	4,000	Gross Profit	52,000
Administrative Expenses	22,800	Compensation for acquisition of land	4,800
General Expenses	1,200		
Value of furniture lost by fire	800		
Net Profit	28,000		
Total	56,800		56,800

You are required to calculate



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- (i) Ratio of operating net profit to net sales
 (ii) Operating ratio
 (b) " Analysis of financial statements is affected by window dressing and the personal ability and bias of the analyst." Comment.

Q4 The expenses for the budgeted production of 10,000 units in a factory are furnished below:

Particulars	Amount(In Rs.) Per unit
Material	70
Labour	25
Variable overheads	20
Fixed Overheads(Rs. 1,00,000)	10
Variable Overheads(Direct)	5
Selling Expenses (10% Fixed)	13
Distribution Expenses(20% Fixed)	7
Administration Expenses (Rs. 50,000)	5
Total Cost Per Unit(To make and sell)	155

Prepare a budget for the production of

- (a) 8,000 units (b) 6,000 units. Assume that administration expenses are fixed for all the levels of production.
- Q5 (a) Explain the difference between standard costing and budgetary control.
 (b) Explain the concept of analysis of variances along with the types of variances.
- Q6 A company budgets for a production of 1,60,000 units. The variable cost per unit is Rs. 12 and fixed cost is Rs. 3 per unit. The company fixes its selling price to fetch a profit of 20% on cost. You are required to find:
 (a) What is the break-even point?
 (b) What is the profit volume ratio?
 (c) If the company reduces its selling prices by 5% , how will the revise selling price affect the break-even point and P/V ratio?
- Q7 (a) Make a graphical presentation of Break-even point. What other information can be obtained from this graph?
 (b) State the implications of selling the product of a multiple firm at a price less than the marginal cost. What would you advocate selling below the marginal cost?



Q8 A manufacturer is thinking whether he should drop one item from his product line and replace it with another. Below are given his present cost and output data:

Particulars	Price (per unit)(Rs.)	Variable cost per unit(Rs.)	Percentage of sales
Bags	60	40	30%
Books	100	60	20%
colors	200	120	50%

Total fixed costs per year - Rs. 7,50,000

Sales Last year- Rs 25,00,000

The change under consideration consists in dropping the line of books in favor of shoes. If this dropping and change is made the manufacturer forecast the following cost output data:

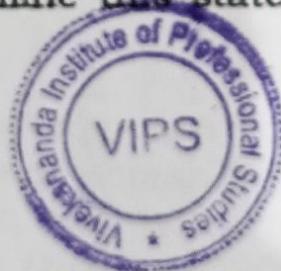
Particulars	Price per unit (Rs.)	Variable cost Per unit(Rs.)	Percentage of sales
Bags	60	40	50%
Shoes	160	60	10%
colors	200	120	40%

Total fixed costs per year - Rs 7,50,000

Sales this year - Rs. 26,00,000

Is this proposal to be accepted? Comment.

Q9 "The role of managerial accountant in deciding among alternative sources of action is crucial". Examine this statement with special reference to special order acceptance.



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THIRD SEMESTER [BBA] JANUARY 2024

Paper Code: BBA-209

Subject: Production and Operations Management

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q1. Which is compulsory. All questions carry equal marks.

- Q1 Answer **any five** short notes from following:
- (a) ISO 9001
 - (b) Benchmarking
 - (c) Differentiate between Plant Location and Plant Layout
 - (d) List three differences between production and Operation Management
 - (e) Poka Yoke
 - (f) Six Sigma
 - (g) Material Management
- Q2 Explore the concept of a production system in the context of business operations. How does it encompass the entire process of converting inputs into outputs?
- Q3 Assume it as Production manager; explain the factors influencing Plant location with an example.
- Q4 Discuss the steps of purchasing procedure. Also explain the different methods of purchasing.
- Q5 Imagine you are the inventory manager for a retail business that sells a popular product with a constant demand rate of 2,000 units per year. The ordering cost per order is \$100, and the carrying cost per unit per year is \$2. Calculate the Economic Order Quantity (EOQ) for this product, and explain how this quantity can help in optimizing the inventory management process. And also explain the concept of EOQ.
- Q6 Explain the different quality control Techniques.
- Q7 Explore the principles of Total Quality Management. How can TQM be implemented to improve processes, reduce defects, and foster a culture of continuous improvement?
- Q8 Discuss the differences between proactive and reactive maintenance approaches. How does a proactive maintenance strategy contribute to minimizing downtime and preventing unexpected failures?



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THIRD SEMESTER (BBA) JANUARY-2024

Paper Code: BBA-211

Subject: Business Research Methodology

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q.no.1 which is compulsory.

Q1 Answer any five from the followings:

(5x5=25)

- (a) Criteria of a good research
- (b) Extraneous Variables
- (c) Research Hypothesis
- (d) Systematic and Stratified Sampling
- (e) Differentiate between Panel data and Longitudinal Study
- (f) Thurstone Scale
- (g) Reliability and Validity of the Questionnaire
- (h) JEL Classification

Q2 Research is much concerned with proper fact-finding, analysis, and evaluation. Do you agree with this statement? Give reasons in support of your evaluation. (12.5)

Q3 The ministry of HRD wants to ascertain why young students do not select the Forensic Science as a career option in their Graduation or Post Graduation course.

- (a) How would you formulate a research problem to resolve the dilemma?
- (b) What would be the variables under the study?
- (c) How would you generate hypotheses for your study? (12.5)

Q4 Explain the various scaling techniques in measuring the variables. (12.5)

Q5 (a) State advantages and limitations of the questionnaire. (6)

(b) Explain non probability sampling techniques in detail. (6.5)

Q6 An Accountant wants to test the hypothesis that the proportion of incorrect transactions at four clients accounts is about the same. A random sample of 80 transactions of one client reveals that 21 are incorrect; for the second client, the number is 25 out of 100; for the third client, the number is 30 out of 90 and for the fourth, 40 are incorrect out of a sample of 110. Conduct a test at 5% LOS. (12.5)

(Chi Square Table Value at 5% LOS, DOF=3 is 7.815)

Q7 (a) What are the guidelines for effective report writing? Illustrate with suitable examples. (6.5)

(b) Explain role of computers in research (6)

Q8 Write a short note on the following:

(12.5)

- (a) One tailed and Two Tailed Test
- (b) Type I and Type II Errors
- (c) ANOVA-Two Way



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END TERM EXAMINATION

Third SEMESTER (BBA) January-2024

Paper Code: BBA-217

Subject: Environmental Studies

BBA(B&I)-215

BBA/CAM-213

Time: 3 Hours

Maximum Marks: 75

Note: Attempt five questions in all including Q. no. 1 which is compulsory. All questions carry equal marks.

- Q1 Answer any five from the following:
- Define the term "mitigation" in the context of disaster management.
 - Explain the concept of solid waste management.
 - Define the Name of two natural disasters and two human-made disasters.
 - Explain the impact of plastic pollution on marine life?
 - Define the term "carbon footprint" and its relevance to sustainable development.
 - What is the status of the ozone layer today, and are there any recent incidents of ozone holes?
 - What is the key purpose of the Chemical Weapons Convention?
 - What is the primary aim of the Montreal Protocol?
- Q2 Examine the ethical considerations in sustainable development. How can decision-makers balance the needs of the present without compromising the ability of future generations to meet their own needs?
- Q3 Discuss the major sources of air pollution and their impact on human health. What long-term strategies can be implemented to improve air quality on a global scale?
- Q4 Evaluate the effectiveness of policies and regulations in addressing environmental pollution. How can governments enhance enforcement mechanisms and promote compliance for long-term environmental protection?
- Q5 How successful has the Kyoto Protocol been in achieving its emission reduction targets, and what lessons have been learned for future international climate agreements?
- Q6 Evaluate the challenges and opportunities associated with managing human-made disasters, such as industrial accidents or technological failures. How can these risks be minimized in the long term?
- Q7 Analyze the challenges faced by developing countries in pursuing sustainable development. How can the international community support these nations in their sustainability efforts?
- Q8 Compare and contrast the long-term sustainability of renewable and non-renewable energy resources. Discuss the environmental, economic, and social impacts of each over time.

