

R2934

Sub. Code

646201

M.B.A. DEGREE EXAMINATION, APRIL – 2025

Second Semester

Disaster Management

STRATEGIC MANAGEMENT

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

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

1. Strategic management primarily focuses on (CO1, K2)
 - (a) Day-to-day operations
 - (b) Tax calculations
 - (c) Employee motivation
 - (d) Long-term goals and direction

2. Which type of strategy is designed for an entire organization? (CO1, K1)
 - (a) Functional strategy
 - (b) Corporate strategy
 - (c) Business strategy
 - (d) Marketing strategy

3. What is the primary purpose of environmental scanning?
(CO2, K1)
- (a) To monitor internal business operations
 - (b) To analyze external opportunities and threats
 - (c) To evaluate employee performance
 - (d) To calculate financial ratios
4. Which of the following is a widely used framework for industry analysis?
(CO2, K2)
- (a) Maslow's Hierarchy
 - (b) Herzberg's Theory
 - (c) Porter's Five Forces
 - (d) SWOT Analysis
5. Which of the following is an example of a core competency?
(CO3, K2)
- (a) High employee turnover
 - (b) Strong brand reputation
 - (c) Outdated technology
 - (d) Poor financial management
6. Which of the following is not one of Porter's Generic Strategies?
(CO3, K2)
- (a) Cost Leadership
 - (b) Differentiation
 - (c) Market Segmentation
 - (d) Focus

7. Which of the following is not a portfolio analysis model? (CO4, K2)
- (a) BCG Growth-Share Matrix
 - (b) GE Business Screen
 - (c) Hofer's Product-Market Matrix
 - (d) Maslow's Hierarchy of Needs
8. How many cells does the GE business screen matrix have? (CO4, K1)
- (a) 4
 - (b) 6
 - (c) 9
 - (d) 12
9. The balanced scorecard helps organizations in (CO5, K1)
- (a) Employee motivation
 - (b) Strategic performance measurement
 - (c) Stock market investment
 - (d) Market segmentation
10. Economic Value Added is used to measure (CO5, K2)
- (a) Employee productivity
 - (b) Shareholder value creation
 - (c) Marketing performance
 - (d) Organizational culture

Part B

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Describe Porter's five forces model and its role in industry analysis. (CO1, K4)

Or

- (b) Compare and contrast SWOT and PEST analysis in strategic decision-making. (CO1, K3)

12. (a) Explain the concept of strategic planning and how it differs from strategic management. (CO2, K3)

Or

- (b) Describe the three levels of strategic planning with suitable examples. (CO2, K4)

13. (a) Describe Porter's Generic Strategic Models. (CO3, K4)

Or

- (b) Discuss the role of financial strategy in business growth and stability. (CO3, K4)

14. (a) Explain the concept of portfolio analysis and its significance in business strategy. (CO4, K3)

Or

- (b) Describe the BCG Growth-Share Matrix. (CO4, K4)

15. (a) Explain the balanced scorecard approach and its significance in strategic management. (CO5, K3)

Or

- (b) Explain the importance of stakeholder analysis in strategic decision-making. (CO5, K3)

Part C

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Discuss the different types of environmental scanning methods and their significance in business strategy. (CO1, K4)

Or

- (b) Explain in detail the steps involved in industry analysis and its impact on business success. (CO1, K3)

17. (a) How does strategic decision-making influence business success? Give examples. (CO2, K3)

Or

- (b) Compare corporate strategy, business strategy and functional strategy in an organization. (CO2, K4)

18. (a) Discuss how R & D and marketing strategies play a critical role in innovation and customer satisfaction. (CO3, K4)

Or

- (b) Analyze how production and operations strategies contribute to cost efficiency and product quality improvement. (CO3, K3)

19. (a) Explain the structural and behavioral issues in strategic implementation. (CO4, K3)

Or

- (b) Critically evaluate the role of strategic leadership in achieving organizational goals. (CO4, K4)

20. (a) Critically evaluate EVA and MVA as financial performance indicators in organizations. (CO5, K4)

Or

- (b) Explain strategic control and its different types with real-world applications. (CO5, K3)
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R2935

Sub. Code

646202

M.B.A. DEGREE EXAMINATION, APRIL – 2025

Second Semester

Disaster Management

RESEARCH METHODOLOGY

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

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

1. Research can be categorized as _____. (CO1, K1)
 - (a) Philosophical, Historical, Survey and Experimental
 - (b) Quantitative and Qualitative
 - (c) Basic, Applied and Action
 - (d) All the above
2. Research investigation is always _____. (CO1, K1)
 - (a) Verifying the old knowledge
 - (b) Filling the gap between knowledge
 - (c) Exploring new knowledge
 - (d) All of the above
3. Research Design Importance is _____. (CO2, K1)
 - (a) It is blueprint to carryout research
 - (b) Choose a sample
 - (c) Formulate a hypothesis
 - (d) It convey survey details

4. Sample is known to be the subgroup of _____
(CO2, K2)
- (a) Data (b) Population
(c) Set (d) Information
5. The collection of primary data is accomplished by _____
(CO3, K1)
- (a) Survey (b) Experiment
(c) Both (a) and (b) (d) None of the above
6. What type of scale is gender _____ (CO3, K2)
- (a) Nominal (b) Ordinal
(c) Interval (d) Ratio
7. Simple or one way table contains data on _____ characteristics.
(CO4, K1)
- (a) Two (b) Several
(c) One (d) Three
8. _____ is not a measure of central tendency.
(CO4, K1)
- (a) Mean (b) Median
(c) Mode (d) Range
9. A hypothesis may be classified as _____ (CO5, K2)
- (a) Simple (b) Composite
(c) Null (d) All the above
10. Which citation style is most commonly used in science?
(CO5, K2)
- (a) APA (b) Chicago manual
(c) Vancouver (d) MLA

Part B**(5 × 5 = 25)**

Answer **all** the questions not more than 500 words each.

11. (a) Explain the importance and functions of research.
(CO1, K2)

Or

- (b) Explain the types of Research. (CO1, K2)

12. (a) Explain the purposes of research design. (CO2, K2)

Or

- (b) Explain the sampling and non-sampling errors.
(CO2, K1)

13. (a) Given a detailed note on types of interview.
(CO3, K2)

Or

- (b) Write the different methods of scale construction.
(CO3, K1)

14. (a) What are the four types of classification in statistics?
(CO4, K2)

Or

- (b) Find the mean, median, and mode for the given data.
(CO4, K1)

13, 18, 13, 14, 13, 16, 14, 21, 13.

15. (a) Explain the parametric test and examples.
(CO5, K2)

Or

- (b) Describe the principles of good report writing.
(CO5, K2)

Part C**(5 × 8 = 40)**

Answer **all** the questions not more than 1000 words each.

16. (a) Briefly describe the different steps involved in a research process.
(CO1, K3)

Or

- (b) Describe the various types of hypothesis. (CO1, K3)

17. (a) Brief explain about probability sampling techniques with appropriate examples. (CO2, K3)

Or

- (b) Brief explain about non - probability sampling techniques with suitable examples. (CO2, K3)

18. (a) Discuss the different sources of primary and secondary data. (CO3, K3)

Or

- (b) Brief note on pre testing and pilot study. (CO3, K3)

19. (a) The marks in research methodology of two sections of students of a college are given below. Find in which section students is more consistency. (Standard deviation and co-efficient of variation). (CO4, K3)

Students	A	B	C	D	E	F
Sec. X Students	10	18	25	35	40	46
Sec. Y Students	15	17	21	23	26	30

Or

- (b) Calculate the Karl person coefficient of correlation between the X and Y from the following data. (CO4, K3)

X	64	65	66	67	68	69	70
Y	66	67	68	69	70	71	72

20. (a) Discuss the research reports types and contents. (CO5, K3)

Or

- (b) Short note on references management and plagiarism. (CO5, K3)

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Sub. Code

646203

M.B.A. DEGREE EXAMINATION, APRIL – 2025

Second Semester

Disaster Management

HUMAN RESOURCE MANAGEMENT

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

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

1. Who is considered the father of HRM?
(CO1, K1)
 - (a) Henry Fayol
 - (b) Peter Drucker
 - (c) Edwin Flippo
 - (d) Gary Dessler
2. One of the present-day challenges in HRM is
(CO1, K2)
 - (a) Technological advancements
 - (b) Market research
 - (c) Cost-cutting
 - (d) None of the above
3. What is induction in HRM?
(CO2, K1)
 - (a) Training for new employees
 - (b) Process of firing employees
 - (c) A method of employee transfer
 - (d) A salary determination process

4. Which of the following is not a method of executive training? (CO2, K2)
- (a) Coaching
 - (b) Internship
 - (c) Job rotation
 - (d) Management development programs
5. What is the main disadvantage of external recruitment? (CO3, K1)
- (a) Higher training costs
 - (b) Lower chances of getting new skills
 - (c) Employee dissatisfaction
 - (d) Poor performance evaluation
6. Which of the following is an external source of recruitment? (CO3, K2)
- (a) Job rotation
 - (b) Promotions
 - (c) Employment agencies
 - (d) Internal transfers
7. Which of the following is not a component of compensation? (CO4, K2)
- (a) Salary
 - (b) Bonus
 - (c) Employee discipline
 - (d) Fringe benefits
8. What does ESOP stand for? (CO4, K1)
- (a) Employee Salary Optimization Plan
 - (b) Employee Stock Ownership Plan
 - (c) Employer Salary Offer Program
 - (d) Employee Savings and Ownership Program
9. Which act is employee safety ensured in factories? (CO5, K2)
- (a) Factories Act, 1948
 - (b) Industrial Disputes Act, 1947
 - (c) Trade Unions Act, 1926
 - (d) Payment of Wages Act, 1936
10. Which organization sets workplace safety standards in India? (CO5, K2)
- (a) RBI
 - (b) BCCI
 - (c) ISRO
 - (d) NSC

Part B

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Discuss the main functions of Human Resource Management. (CO1, K3)

Or

- (b) Analyse the present-day challenges faced by HRM professionals. (CO1, K4)
12. (a) Explain the importance of proper placement and induction in an organization. (CO2, K3)

Or

- (b) Differentiate between promotion, demotion and transfer in HRM. (CO2, K4)
13. (a) Explain the difference between job description and job specification. (CO3, K3)

Or

- (b) Discuss the advantages and disadvantages of internal recruitment. (CO3, K4)
14. (a) Explain the objectives of wage and salary administration. (CO4, K3)

Or

- (b) Discuss different types of bonuses given to employees. (CO4, K4)
15. (a) Explain the role of government agencies in ensuring workplace safety. (CO5, K3)

Or

- (b) Analyze the challenges in implementing welfare and safety measures in industries. (CO5, K4)

Part C

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Discuss the structure of HRM in an organization with examples. (CO1, K3)

Or

- (b) Provide a detailed analysis of one case study illustrating successful HRM practices in a company. (CO1, K4)

17. (a) Define training. Explain in detail the different methods of training. (CO2, K3)

Or

- (b) Explain the different types of employee transfers and how they contribute to organizational success. (CO2, K3)

18. (a) Explain the various steps involved in the recruitment process. (CO3, K3)

Or

- (b) Discuss the importance of planning for leadership transition. (CO3, K4)

19. (a) Discuss the different types of compensation and their significance. (CO4, K4)

Or

- (b) What is HR accounting? Explain its importance and methods. (CO4, K3)

20. (a) Explain the different welfare and safety provisions under labor laws. (CO5, K4)

Or

- (b) Discuss the impact of safety measure on employee well-being and organizational performance. (CO5, K4)

R2937

Sub. Code

646204

M.B.A. DEGREE EXAMINATION, APRIL – 2025

Second Semester

Disaster Management

FINANCE MANAGEMENT

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

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

1. Which one of the following is not considered under profit maximization goal of financial management?
(CO1, K2)
 - (a) earning more profit
 - (b) giving maximum dividend
 - (c) considering time value of money
 - (d) maximizing the earning per share
2. Which one of the following is the major Traditional role of a financial manager?
(CO1, K2)
 - (a) maintaining financial records
 - (b) formulating management policy
 - (c) managing the cash
 - (d) analyzing the financial performance

3. Which of the following sources of finance get not fixed rate of returns? (CO2, K2)
- (a) Equity Shares
 - (b) Preference Shares
 - (c) Debentures
 - (d) Bonds
4. Which one is not the approach for determining the working capital financing mix? (CO2, K2)
- (a) Conservative approach
 - (b) Matching approach
 - (c) Hoarding approach
 - (d) Trade-off approach
5. The other name of the opportunity cost is _____ (CO3, K2)
- (a) explicit cost
 - (b) implicit cost
 - (c) historical cost
 - (d) marginal cost
6. Which theory of capital structure assumes using debt financing to the maximum possible extent in the capital structure? (CO3, K2)
- (a) Net Income Approach
 - (b) Net Operating Income Approach
 - (c) Traditional Approach
 - (d) Modigliani and Miller Approach

7. Which one of the following is not the kind of capital investment proposal? (CO4, K2)
- (a) Independent proposals
 - (b) Dependent proposals
 - (c) Mutually inclusive proposals
 - (d) Mutually exclusively proposals
8. The capital investment proposals are judged on the basis of their relative profitability under _____ method. (CO4, K2)
- (a) Pay Back Period
 - (b) Net Present Value
 - (c) Internal Rate of Return
 - (d) Average Rate of Return
9. If a company does not have liquid resources, it is better to declare (CO5, K2)
- (a) Cash dividend
 - (b) Stock dividend
 - (c) Interim dividend
 - (d) Final dividend
10. Which one of the following dividend will affect the cash position of the organization? (CO5, K2)
- (a) Scrip Dividend
 - (b) Bond Dividend
 - (c) Stock Dividend
 - (d) Regular Dividend

Part B

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Explain the scope of financial management.
(CO1, K4)

Or

- (b) Explain the traditional role of the financial manager.
(CO1, K4)
12. (a) Explain various types of debentures. (CO2, K4)

Or

- (b) Explain various types of working capital.
(CO2, K4)
13. (a) What are the components of cost of capital?
(CO3, K2)

Or

- (b) Write a note on leverage. (CO3, K3)
14. (a) What are the disadvantages of Payback period?
(CO4, K3)

Or

- (b) What are the advantages of IRR? (CO4, K3)
15. (a) What are the situations in which irregular dividend policy is followed?
(CO5, K3)

Or

- (b) What are the hypothesis of MM model of dividend policy?
(CO5, K3)

Part C

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Explain the modern role of financial manager.
(CO1, K4)

Or

- (b) Distinguish between profit maximization and wealth maximization.
(CO1, K4)
17. (a) Explain various sources of fixed capital.
(CO2, K4)

Or

- (b) From the following information, calculate economic order quantity
(CO2, K4)
- | | |
|-----------------------------|------------|
| Annual material requirement | 1600 units |
| Cost of placing one order | Rs. 50 |
| Cost of material per unit | Rs. 40 |
| Carrying and storage cost | 10% |
18. (a) Explain the external factors that should be considered in determining the capital structure of a company.
(CO3, K4)

Or

- (b) Explain the significance of cost of capital.
(CO3, K4)
19. (a) Explain the significance of discounted cash flow methods.
(CO4, K4)

Or

- (b) ABC ltd. is considering two projects. Each requires an investment of Rs. 1,10,000. The net cash inflows from investment in the two projects A and B are:
(CO4, K4)

Years	Project A	Project B
1	55,000	11,000
2	44,000	22,000
3	33,000	33,000
4	11,000	44,000
5	--	55,000
6	--	66,000

Which project is to be accepted based on the pay back period method?

20. (a) Explain the internal factors which influence the dividend policy of a company. (CO5, K4)

Or

- (b) Explain different types of dividend policies. (CO5, K4)

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Sub. Code

646504

M.B.A. DEGREE EXAMINATION, APRIL – 2025

Second Semester

Disaster Management

Elective – RELIEF AND RESPONSE

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

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

1. What are the steps involved in relief distribution?
(CO1, K2)
 - (a) Planning
 - (b) Execution
 - (c) Monitoring
 - (d) All of the above
2. What is the main focus of Search and Rescue (SAR) logistics?
(CO1, K2)
 - (a) Providing medical assistance
 - (b) Evacuating affected populations
 - (c) Locating and rescuing individuals in distress
 - (d) Distributing relief supplies

3. What is an emerging avenue for resource mobilization that focuses on corporate involvement in disaster relief?
(CO2, K2)
- (a) Government Initiatives
 - (b) Civil Society Collaboration
 - (c) Corporate Social Responsibility
 - (d) International Aid Agencies
4. What is a key focus of civil society initiatives for relief in disaster situations?
(CO2, K2)
- (a) Resource hoarding
 - (b) Risk-sharing strategies
 - (c) Political lobbying
 - (d) Mobilizing resources for relief efforts
5. What is considered a managerial tool for disaster response and coordination?
(CO3, K2)
- (a) Incident Command System
 - (b) Risk Assessment System
 - (c) Emergency Response Plan
 - (d) Disaster Recovery Toolkit
6. Which managerial tool provides key lessons for disaster managers based on past incidents?
(CO3, K2)
- (a) Incident Command System
 - (b) Risk Mitigation Plan
 - (c) After-Action Report
 - (d) Emergency Response Protocol

7. What is the concept that emphasizes a rational and concerned first response in disaster situations? (CO4, K2)
- (a) Governmental Intervention
 - (b) Relief Policy
 - (c) SPHERE Standards
 - (d) Humanitarian Action
8. Which community members are considered potential first responders? (CO4, K2)
- (a) Only trained volunteers
 - (b) Only medical professionals
 - (c) Any community member with the capacity to help
 - (d) Only government officials
9. What is a key component of response management in disaster management? (CO5, K2)
- (a) Financial planning
 - (b) Emergency planning
 - (c) Marketing strategies
 - (d) Human resource management
10. What is the primary focus of contingency planning in disaster management? (CO5, K2)
- (a) Long-term recovery
 - (b) Immediate response
 - (c) Prevention measures
 - (d) Rehabilitation efforts

Part B

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Explain two key phases of Search and Rescue (SAR) logistics. (CO1, K3)

Or

- (b) Compare and contrast the types of programs and distribution systems used in relief efforts. (CO1, K3)
12. (a) Explain the role of civil society initiatives in providing relief during disaster situations. (CO2, K4)

Or

- (b) Summarize the concept of corporate social responsibility (CSR) in the context of resource mobilization for disaster relief. (CO2, K4)
13. (a) Explain and elaborate on two key skills required for a successful disaster manager. (CO3, K4)

Or

- (b) Compare the types of damages considered in damage assessment reports, providing examples for each type. (CO3, K4)
14. (a) Explain the concept of relief policy in disaster management and its significance in coordinating response efforts. (CO4, K3)

Or

- (b) Explain the concept of people as first responders, highlighting the diverse roles and contributions of community members in disaster situations. (CO4, K3)

15. (a) Explain the components of response management in disaster management, emphasizing the importance of emergency planning. (CO5, K5)

Or

- (b) Explain the concept of business continuity planning in disaster management, highlighting its objectives and key considerations. (CO5, K5)

Part C

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Explain the role of logistics in relief distribution, emphasizing its impact on the efficiency of disaster response. (CO1, K4)

Or

- (b) Explain the significance of Search and Rescue (SAR) in different phases of disaster management, highlighting its importance in saving lives. (CO1, K4)

17. (a) Explain the role of corporate social responsibility (CSR) in enhancing resource mobilization for disaster management. (CO2, K4)

Or

- (b) Summarise the challenges associated with stockpiling resources for disaster preparedness and propose strategies to overcome these challenges. (CO2, K4)

18. (a) Outline the importance of the Incident Command System in ensuring a coordinated and efficient response to disasters, considering its application in real-world incidents. (CO3, K4)

Or

- (b) Explain the challenges faced by disaster managers in conducting damage assessments and propose strategies to address these challenges. (CO3, K4)
19. (a) Explain the collaborative roles of the government and the community in disaster management, emphasizing the need for coordination in the first response phase. (CO4, K3)

Or

- (b) Outline the role of community standards and best practices in relief operations, emphasizing their contribution to building resilient and self-reliant communities. (CO4, K3)
20. (a) Summarizes the path ahead in disaster management strategies, emphasizing the need for continuous adaptation and improvement. (CO5, K5)

Or

- (b) Explain the principles of business continuity planning, discussing how organizations can prepare for and recover from disruptive events. (CO5, K5)
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Sub. Code

646505

M.B.A. DEGREE EXAMINATION, APRIL – 2025

Second Semester

Disaster Management

Elective – GLOBAL INITIATIVES FOR MANAGEMENT

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

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

1. Which organization is responsible for disaster risk reduction at the global level? (CO1, K2)
(a) WHO (b) UNDRR
(c) FAO (d) WTO
2. Which continent experiences the highest number of hurricanes annually? (CO1, K2)
(a) Europe (b) Africa
(c) North America (d) Australia
3. Which global framework succeeded the Hyogo Framework for Action? (CO2, K1)
(a) Kyoto Protocol
(b) Sendai Framework for Disaster Risk Reduction
(c) Paris Agreement
(d) Geneva Convention

4. Which year marked the beginning of the International Decade for Natural Disaster Reduction (IDNR)? (CO2, K2)
- (a) 1975 (b) 1980
(c) 1990 (d) 2005
5. Which global framework did the Sendai Framework replace? (CO3, K2)
- (a) Kyoto Protocol
(b) Hyogo Framework for Action
(c) Paris Agreement
(d) UNFCCC
6. What is the timeline for implementing the Sendai Framework? (CO3, K1)
- (a) 2005-2015 (b) 2015-2030
(c) 2020-2050 (d) 1990-2000
7. What is the role of the National Disaster Response Force in India? (CO4, K1)
- (a) Conducts military operations
(b) Provides immediate disaster relief and rescue operations
(c) Regulates international trade
(d) Manages economic policies
8. Which international organization provides emergency food assistance during disasters? (CO4, K2)
- (a) WHO (b) WFP
(c) UNESCO (d) WTO
9. Which UN agency works to protect and assist refugees worldwide? (CO5, K2)
- (a) UNHCR (b) WHO
(c) FAO (d) IOM

10. What is the primary role of the World Health Organization in disaster management? (CO5, K1)
- (a) Coordinating international health responses
 - (b) Providing legal assistance
 - (c) Conducting military operations
 - (d) Providing housing to displaced people

Part B (5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) What are all the key challenges in global disaster management? (CO1, K3)
- Or
- (b) Describe the major types of disasters with examples. (CO1, K4)
12. (a) Explain the formulation, priorities and outcomes of IDNR. (CO2, K4)
- Or
- (b) Discuss the main priorities of the Hyogo Framework for action. (CO2, K4)
13. (a) Explain the role of governance in implementing the Sendai Framework's. (CO3, K3)
- Or
- (b) Explain the key principles of the Sendai Framework and their significance. (CO3, K4)
14. (a) Explain the role of stakeholders in disaster management. (CO4, K3)
- Or
- (b) Discuss the role of disaster response forces in emergency response. (CO4, K4)
15. (a) Explain the role of FAO in disaster management. (CO5, K3)
- Or
- (b) Discuss the importance of IOM in disaster response. (CO5, K4)

Part C

(5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Explain the role of international organizations in disaster management. (CO1, K3)

Or

- (b) Discuss the impact of climate change on global disaster trends. (CO1, K4)

17. (a) Explain the key components, priorities and outcomes of the international strategy for disaster reduction. (CO2, K3)

Or

- (b) Describe the key priorities of the Hyogo framework for action and evaluate its effectiveness. (CO2, K4)

18. (a) Explain the seven global targets of the Sendai Framework. (CO3, K3)

Or

- (b) Evaluate the success and challenges of the Sendai Framework in global disaster management. (CO3, K4)

19. (a) Analyze the role of international cooperation and partnerships in disaster risk reduction. (CO4, K4)

Or

- (b) Discuss the role of community-based organizations in emergency response mechanisms. (CO4, K4)

20. (a) Analyze the functions of IFRC and ICRC disaster relief. (CO5, K3)

Or

- (b) Discuss the contributions of international NGOs in disaster management. (CO5, K4)

R2940

Sub. Code

646401

M.B.A. DEGREE EXAMINATION, APRIL – 2025.

Fourth Semester

Disaster Management

**ADAPTATION AND MITIGATION IN CLIMATE
CHANGE**

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

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

1. The layers of the Earth's atmosphere are arranged in a _____ manner, with temperature and pressure changing with altitude (CO1,K2)
 - (a) Horizontal
 - (b) Vertical
 - (c) Diagonal
 - (d) Circular
2. The diverse climate in India is influenced by factors such as the _____. (CO1, K2)
 - (a) Carbon emissions
 - (b) Solar radiation
 - (c) Ozone layer
 - (d) Greenhouse gases

3. Climatic extreme events and disasters can have _____ impacts on both the global and regional levels. (CO2, K2)
- (a) Widespread
 - (b) Minimal
 - (c) Positive
 - (d) Ignorable
4. Infrastructure becomes more susceptible to damage and failure under the influence of climate-induced _____. (CO2, K2)
- (a) Stability
 - (b) Improvements
 - (c) Stressors
 - (d) Innovations
5. Climate change poses a threat to biodiversity by altering _____ patterns and habitats. (CO3, K2)
- (a) Economic growth
 - (b) Ecosystem
 - (c) Social interactions
 - (d) Political stability
6. Decision making and planning for mitigation and adaptation involve assessing the _____ impacts of energy choices on rehabilitation efforts. (CO3, K2)
- (a) Environmental
 - (b) Cultural
 - (c) Political
 - (d) Social

7. Effective climate change adaptation involves implementing _____ to reduce vulnerability and enhance resilience in rehabilitation initiatives. (CO4, K2)
- (a) Economic measures
 - (b) Mitigation measures
 - (c) Social strategies
 - (d) Political interventions
8. Coastal zones require adaptation options such as _____ to mitigate the impact of rising sea levels and storm surges. (CO4, K2)
- (a) Desertification
 - (b) Mangrove restoration
 - (c) Urbanization
 - (d) Deforestation
9. Remote sensing and GIS play a crucial role in climate change studies by providing _____ data for monitoring environmental changes. (CO5, K2)
- (a) Random
 - (b) Historic
 - (c) Real-time
 - (d) Functional
10. The Disaster Management Act 2005 empowers authorities to formulate _____ plans for effective disaster response and recovery. (CO5, K2)
- (a) Ineffective
 - (b) Proactive
 - (c) Reactive
 - (d) Arbitrary

Part B

(5 × 5 = 25)

Answer **all** the questions not more than 500 words each.

11. (a) Describe the vertical layers of Earth's atmosphere.
(CO1, K3)

Or

- (b) Describe the major climate zones in India and their characteristics.
(CO1, K3)
12. (a) Analyze the direct and indirect implications of climate change on disaster risk.
(CO2, K4)

Or

- (b) Discuss how disruptions in climate patterns can trigger cascading effects, impacting various interconnected systems.
(CO2, K4)
13. (a) Explain the interconnected effects of climate change on physical and biological systems.
(CO3, K4)

Or

- (b) Explain the role of decision-making process in climate change mitigation and adaptation planning.
(CO3, K4)
14. (a) Explain the importance of water resources.
(CO4, K4)

Or

- (b) Explain the role of resilient transport infrastructure in mitigating climate change impacts.
(CO4, K4)

15. (a) Assess the contribution of remote sensing in monitoring climate change impacts. (CO5, K5)

Or

- (b) Explain the role of the UNDRR in global disaster risk reduction efforts. (CO5, K5)

Part C (5 × 8 = 40)

Answer **all** the questions not more than 1000 words each.

16. (a) Analyze the potential consequences of global warming on ecosystems and human societies. Provide specific examples and propose adaptive measure. (CO1, K4)

Or

- (b) Critically assess the reliability of IPCC modeling scenarios in predicting future climate change impacts. (CO1, K4)

17. (a) Compare and contrast the impacts of climatic extreme events and disasters on a global scale versus regional and national scenarios. (CO2, K4)

Or

- (b) Analyze how climate change affects infrastructure with examples. (CO2, K4)

18. (a) Critically assess the challenges and limitations of implementing the IPCC guidelines in greenhouse gas inventory. (CO3, K4)

Or

- (b) Critically assess the challenges associated with decision-making in climate change planning. (CO3, K4)

19. (a) Compare and contrast the challenges faced by urban and rural areas in adapting to changes in water resources due to climate change. (CO4, K5)

Or

- (b) Classify adaptation measures for coastal zones based on their ecological impact. (CO4, K5)

20. (a) Evaluate the effectiveness of current climate change mitigation strategies. (CO5, K5)

Or

- (b) Judge the strengths and weaknesses of the Disaster Management Act 2005 in addressing contemporary challenges in disaster management. (CO5, K5)

R2941

Sub. Code

646402

M.B.A. DEGREE EXAMINATION, APRIL – 2025

Fourth Semester

Disaster Management

REHABILITATION AND RECONSTRUCTION

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

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

1. Rehabilitation and reconstruction involve the _____ of communities and infrastructure after disasters (CO1, K2)

(a) Preservation (b) Rebuilding

(c) Abandonment (d) Expansion
2. Identifying and addressing _____ is crucial in overcoming hurdles during the disaster recovery phase. (CO1, K2)

(a) Success stories (b) Short-term goals

(c) Problem areas (d) Public relations

3. _____ involves evaluating the likelihood and potential impact of adverse events on a community or system. (CO2, K2)
- (a) Recovery planning
 - (b) Risk assessment
 - (c) Vulnerability analysis
 - (d) Reconstruction strategies
4. A well-developed _____ outlines the strategies and procedures to facilitate a smooth recovery process after a disaster. (CO2, K2)
- (a) Risk mapping
 - (b) Emergency response plan
 - (c) Crisis communication plan
 - (d) Disaster Recovery Plan (DRP)
5. After a disaster, understanding the _____ is crucial for developing effective remedial measures. (CO3, K2)
- (a) Pre-disaster conditions
 - (b) Post-disaster effects
 - (c) Emergency response
 - (d) Risk assessment

6. Promoting _____ is crucial in preventing the spread of diseases and ensuring public health in post-disaster scenarios. (CO3, K2)
- (a) Construction safety
 - (b) Emergency response
 - (c) Sanitation and hygiene
 - (d) Shelter management
7. The restoration of _____ is a key component of rehabilitation efforts, providing sustainable economic support to affected communities (CO4, K2)
- (a) Shelter (b) Livelihood
 - (c) Education (d) Sanitation
8. Empowering the community as _____ fosters a sense of ownership and enhances the effectiveness of recovery efforts. (CO4, K2)
- (a) Active participants
 - (b) Bystanders
 - (c) Spectators
 - (d) Recipients
9. Non-governmental organizations (NGOs) often contribute to disaster recovery through _____ initiatives, providing support and resources to affected communities. (CO5, K2)
- (a) Local (b) Global
 - (c) Government-led (d) Regional

10. _____ involves actively involving the affected community in the decision-making process, ensuring their preferences and needs are considered in rehabilitation efforts. (CO5, K2)
- (a) Government-led rehabilitation
 - (b) International interventions
 - (c) Participative rehabilitation
 - (d) Non-governmental efforts

Part B (5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Explain the fundamental concepts underlying rehabilitation and reconstruction after a disaster. (CO1, K3)

Or

- (b) Explain the interlinkages between recovery and development after a disaster. (CO1, K3)
12. (a) Examine the relationship between vulnerability and risk assessment. (CO2, K4)

Or

- (b) Differentiate between short-term and long-term planning fundamentals in disaster recovery. (CO2, K4)
13. (a) Explain long term employment opportunities in post-disaster recovery. (CO3, K4)

Or

- (b) Discuss the key features of disaster-resistant house construction techniques and materials. (CO3, K4)

14. (a) Explain the importance of livelihood programs in supporting communities during the rehabilitation phase. (CO4, K3)

Or

- (b) Express the challenges communities may face when actively participating in the recovery process. (CO4, K3)

15. (a) Express the challenges faced by government agencies in managing disaster recovery on a national scale. (CO5, K5)

Or

- (b) Show the impact of educational programs on community preparedness through information dissemination. (CO5, K5)

Part C (5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Clarify the distinctions between short-term and long-term rehabilitation strategies and their respective impacts on communities. (CO1, K3)

Or

- (b) Interpret the role of post-disaster stories in shaping future recovery strategies, citing examples from case studies. (CO1, K3)

17. (a) Investigate the challenges associated with conducting risk assessments in dynamic environmental conditions, proposing potential solutions. (CO2, K4)

Or

- (b) Investigate the impact of technological advancements on the accuracy and effectiveness of modern risk mapping techniques. (CO2, K4)

18. (a) Explain the effectiveness of various remedial measures in mitigating the social, economic, and environmental impacts of any disaster. (CO3, K4)

Or

- (b) Compare and contrast various sanitation and hygiene practices in post-disaster situations. (CO3, K4)

19. (a) Translate theoretical frameworks into practical decision-making strategies for communities facing uncertainty after a disaster. (CO4, K5)

Or

- (b) Illustrate the main components of centralized recovery management and how they differ from decentralized approaches. (CO4, K5)

20. (a) Illustrate the complementary roles of disaster response by both governmental and Non-Governmental organizations. (CO5, K5)

Or

- (b) Outline the coordination strategies between police and other emergency responders to ensure effective disaster management. (CO5, K5)

R2942

Sub. Code

646403

M.B.A. DEGREE EXAMINATION, APRIL – 2025

Fourth Semester

Disaster Management

DISASTER LAWS AND PLANNING MANAGEMENT

(CBCS – 2022 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

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

1. The Hyogo Framework for Action (HFA) 2005 - 2015 was adopted for the implementation of _____
(CO1, K2)
 - (a) Disaster response
 - (b) Disaster recovery
 - (c) Disaster rehabilitation
 - (d) Disaster risk reduction
2. The International Decade for Natural Disaster Reduction spanned from _____ (CO1, K2)
 - (a) 1980-1990 (b) 2000-2010
 - (c) 1990-2000 (d) 2010-2020

3. Risk is commonly defined as the probability of an event occurring, combined with its potential _____ if it does occur (CO2, K2)
- (a) Impact (b) Duration
- (c) Frequency (d) Prevention
4. One essential component of crisis management planning is the establishment of a _____ to ensure effective communication and coordination during emergencies. (CO2, K2)
- (a) Media spokesperson
- (b) Crisis hotline
- (c) Emergency response team
- (d) Volunteer group
5. In the aftermath of the 2004 Indian Ocean Tsunami, Tamil Nadu (TN) implemented robust _____ policies to enhance coastal resilience and early warning systems. (CO3, K2)
- (a) Tsunami mitigation
- (b) Cyclone response
- (c) Earthquake preparedness
- (d) Flood management
6. The United States (USA) has comprehensive disaster management policies, with a particular focus on hurricane preparedness in states along the _____ coast. (CO3, K2)
- (a) Indian Ocean (b) Gulf of Mexico
- (c) Pacific (d) Atlantic

7. Face-to-face interactions play a crucial role in dispelling _____ by providing accurate information about evacuation routes and safety measures during disasters. (CO4, K2)
- (a) Realities (b) Misconceptions
(c) Myths (d) Solutions
8. Print materials, including brochures and pamphlets, serve as valuable resources during, _____ providing step-by-step guidance on disaster preparedness. (CO4, K2)
- (a) Training sessions (b) Evacuations
(c) Emergency drills (d) Awareness campaigns
9. Remote sensing techniques involve collecting data from a distance, often through satellites, to assess and monitor during natural disasters. (CO5, K2)
- (a) Social media trends
(b) Cultural heritage
(c) Atmospheric conditions
(d) Financial market
10. The primary goal of a mini project on disaster risk assessment is to develop actionable recommendations for enhancing _____ and reducing the impact of potential disasters. (CO5, K2)
- (a) Mitigation
(b) Preparedness
(c) Emergency response
(d) Recovery

Part B

(5 × 5 = 25)

Answer **all** questions not more than 500 words each.

11. (a) Explain the significance of the Disaster Management Act 2005 in disaster response and recovery. (CO1, K5)

Or

- (b) Explain the main objectives of the Cartagena Protocol and its significance in international disaster management. (CO1, K5)
12. (a) Express the societal implications of a lack of understanding and effective management of risks and dangers in a community. (CO2, K4)

Or

- (b) Outline the essential components a crisis management plan. (CO2, K4)
13. (a) Classify the key components of disaster management policies in any two states of India. (CO3, K4)

Or

- (b) Explain the integration of disaster management principles into national policies of diverse countries, emphasizing the global perspective. (CO3, K4)
14. (a) Classify common beliefs and myths about disasters, categorizing them based on their impact on public perception. (CO4, K3)

Or

- (b) Express the importance of training programs for trainers involved in creating public awareness about disasters. (CO4, K3)

15. (a) Explain the importance of community involvement in an awareness generation program for flood. (CO5, K4)

Or

- (b) Explain the key steps involved in conducting a mini project on disaster risk assessment. (CO5, K4)

Part C (5 × 8 = 40)

Answer **all** questions not more than 1000 words each.

16. (a) Show how the Disaster Management Act 2005 aligns with other national and international legal frameworks, creating a harmonized approach to disaster management. (CO1, K5)

Or

- (b) Outline the key commitments made by countries under the Kyoto Protocol to address climate change impacts and disaster risks. (CO1, K5)

17. (a) Classify different types of risks and dangers based on their nature and origin. (CO2, K4)

Or

- (b) Illustrate the step-by-step process involved in preparing a foundation for a comprehensive crisis management plan. (CO2, K4)

18. (a) Summarize the evolution of the concept of disaster management in India, outlining significant milestones and shifts in approach. (CO3, K4)

Or

- (b) Compare disaster management policies of selected states and countries (e.g., Japan, USA), converting best practices into recommendations for global disaster resilience. (CO3, K4)

19. (a) Outline strategies to convert prevalent beliefs and myths about disasters into accurate information through public awareness programs. (CO4, K4)

Or

- (b) Compare the training needs of trainers for urban and rural communities, expressing how awareness programs can be tailored to address specific challenges in each setting. (CO4, K4)
20. (a) Critically assess the limitations and challenges associated with the utilization of GIS and remote sensing in disaster management. (CO5, K4)

Or

- (b) Explain the role of GIS in predicting and mapping the spread of forest fire. (CO5, K4)
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