

**R8116**

**Sub. Code**

**646401**

**M.B.A. DEGREE EXAMINATION, APRIL – 2023**

**Fourth Semester**

**Disaster Management**

**CLIMATE CHANGE AND DISASTER MANAGEMENT**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

Each question carries equal marks.

1. List any two major cause for Climate change.
2. What is Vulnerability?
3. Give two examples of Drought Resistant crops.
4. What is Linkage adaptation?
5. Define Governance.
6. What is Aquifer?
7. What is Shoreline?
8. Define Marine Regression.
9. Define Disaster.
10. What is risk reduction?

**Part B**

(5 × 5 = 25)

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

11. (a) Explain the long term impacts of climate change with example.

Or

- (b) Discuss about the Governance and Policies for adaptation.

12. (a) Explain the impact of Climate change in agriculture.

Or

- (b) Discuss about the Adaption options in agriculture.

13. (a) Explain the Water Resources adaptation management to climate risks.

Or

- (b) Write short note on Governance and policies for adaptation option in agriculture in India.

14. (a) Write short note on role of Governance in coastal zone management.

Or

- (b) Discuss about the coastal zone adaptation measure to manage the risks.

15. (a) Explain Climate change impacts on environment.

Or

- (b) Discuss about various type of Risk Management.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Give a detailed account on Impact of Climate change on development.
  17. Describe the Governance and Policies available in India for adaptation in agriculture.
  18. Describe the impacts of Climate change on Water Resources in India.
  19. Enumerate the impact of Climate change in coastal zones and its vulnerability.
  20. Write detail note on role of Adaptation options and Mitigation in Disaster Risk Management.
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**R8117**

**Sub. Code**

**646402**

**M.B.A. DEGREE EXAMINATION, APRIL – 2023**

**Fourth Semester**

**Disaster Management**

**DISASTER RESPONSE**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define quick response.
2. List the key response functions involved in during disasters.
3. What is supply chain management?
4. What is demand?
5. What do you understand by SDRF?
6. What is the relation between NDRF and CRPF?
7. What is first responder?
8. What is golden time?
9. Define trauma.
10. List the minimum standards of relief.

**Part B**

(5 × 5 = 25)

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

11. (a) Describe the process involved in PDNA.

Or

- (b) Discuss about the standards involved in relief operations.

12. (a) Enumerate the five key building blocks of supply chain management.

Or

- (b) Discuss the humanitarian supply chain management.

13. (a) Discuss about disaster management organizational structure in India.

Or

- (b) Write a note on role of multiple stake holders in disaster response.

14. (a) Discuss the procedure involved in Basic Life Support System (BLSS).

Or

- (b) List the major equipments involved in search and rescue process.

15. (a) Write a note on psycho- social care after a disaster.

Or

- (b) Discuss about the financial arrangements during post disaster relief and recovery phase.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss Contingency planning
  17. Discuss Supply chain management for hydro meteorological disasters
  18. Write a note on disaster response organization structure
  19. Discuss the process involved in different search and rescue operations
  20. Justify: Emotional trauma is best described as a psychological response to a deeply distressing or life-threatening experience.
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**R8118**

**Sub. Code**

**646403**

**M.B.A. DEGREE EXAMINATION, APRIL – 2023**

**Fourth Semester**

**Disaster Management**

**DISASTER RECOVERY**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

1. Define recovery.
2. What is displacement?
3. What is re-imagined community?
4. List the steps involved in recovery process.
5. What are the major elements of recovery plan?
6. List any four roles of planning experts.
7. What is mitigation?
8. What is risk assessment?
9. What is Tsunami?
10. What are the different types of floods?

**Part B**

(5 × 5 = 25)

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

11. (a) Discuss the concepts of disaster recovery.

Or

- (b) Discuss about the organizational changes after a disaster.

12. (a) List down the major challenges involved in recovery process.

Or

- (b) Discuss the different phases of disaster recovery.

13. (a) Discuss community participation in recovery.

Or

- (b) How media can play a major role in disaster recovery?

14. (a) How to mitigate disaster risk?

Or

- (b) List down the process involved in financing of recovery projects.

15. (a) Write a note on Indian Ocean tsunami 2004 and its recovery.

Or

- (b) What is build back better in connection with disaster recovery?



**Part C**

(3 × 10 = 30)

Answer any **three** questions.

16. Discuss on changes in business environment after a disaster.
  17. Discuss the major challenges involved in quick recovery process.
  18. Discuss the role of NGO, CBO and FBO's in disasters.
  19. Discuss the different risk assessment methods.
  20. Discuss the recovery process involved in Gaja Cyclone 2018.
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