

**R6193**

**Sub. Code**

**646101**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**First Semester**

**Disaster Management**

**BASICS OF DISASTER MANAGEMENT**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** the questions.

All questions carry equal marks.

1. Vulnerability
2. Catastrophe
3. Tsunami
4. Aridity
5. Heat wave
6. Hail storm
7. Coal fire
8. Chernobyl
9. Solid waste
10. Desertification

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Explain resilience and risk.

Or

(b) Examine the dimensions of disaster management.

12. (a) Describe the cloud burst.

Or

(b) Discuss the types of volcanoes.

13. (a) Explain the causes and consequences of global warming.

Or

(b) Discuss the measures to reduce ozone depletion.

14. (a) Explain the nature of biological disaster.

Or

(b) Discuss the effects of chemical disasters.

15. (a) Explore the causes of air pollution.

Or

(b) Describe the effects of deforestation.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Critically examine the nature and importance of disaster management.
  17. Narrate an essay on different types of droughts.
  18. Explain the effects of landslides.
  19. Elaborate the types and effects of radiological disaster.
  20. Discuss why accidents are considered as an important man-made disaster.
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**R6194**

**Sub. Code**

**646102**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**First Semester**

**Disaster Management**

**DISASTER RISK GOVERNANCE**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

1. What is institution?
2. What is governance?
3. Give examples of formal and informal institution.
4. Write a short note on Relief.
5. What is rehabilitation?
6. What is GFDRR?
7. Explain UNISDR.
8. What is meant by risk mapping?
9. What is Yokohama strategy?
10. What do you understand by SDRF?

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Examine the problems in Relief Administration.

Or

- (b) What is good governance? Explain.

12. (a) Describe the guidelines for temporary shelter provisions.

Or

- (b) Enumerate the role of NGOs in disaster context.

13. (a) Discuss the role of UNISDR in disaster management.

Or

- (b) Discuss the prevention guidelines in case of floods and droughts.

14. (a) Describe Hyogo Framework for Action (HFA) 2005.

Or

- (b) Discuss about search and rescue.

15. (a) What are the basic requirements for community based disaster management?

Or

- (b) How to strengthen the governance mechanism at local level?

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Explain the phases of disaster management cycle.
17. Discuss the role of disaster governance institution and network at multiple scales.
18. What are the salient features of Disaster Management Act 2005?
19. Discuss Sendai Framework 2015.
20. Enumerate the role of state level disaster management agencies.

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**R6195**

**Sub. Code**

**646103**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**First Semester**

**Disaster Management**

**MANAGERIAL ECONOMICS**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

1. What is meant by Managerial Economics?
2. Explain Total Utility.
3. What are the different components of national income?
4. What is Current Price?
5. What is meant by Indirect Tax?
6. What do you mean by Public Expenditure?
7. Define Budget.
8. What is Public Debt?
9. State the NITY Aayog.
10. What is Plan Transfer?

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Explain law and demand.

Or

(b) What are the basic assumptions of Revealed Preference Theory?

12. (a) Write a note on income method or national income accounting.

Or

(b) What are the difficulties in the measurement of national income?

13. (a) Examine the trend in tax revenue in India.

Or

(b) Describe the role public revenue in economic development.

14. (a) Discuss the process of passing Finance and Appropriation Bills in the Parliament.

Or

(b) Explain the role of Public Accounts Committee.

15. (a) Describe the role of Finance Commission in filing vertical and horizontal fiscal imbalance.

Or

(b) Discuss the plan transfers and discretionary transfers.



**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Discuss indifference curve analysis.
  17. Evaluate the expenditure method of national income accounting.
  18. Analyse the impact of GST on Indian Economy.
  19. What are the objectives of FRBM Act 2003?
  20. Assess the latest Finance Commission Report of the Union Government.
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**R6196**

**Sub. Code**

**646104**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**First Semester**

**Disaster Management**

**MANAGEMENT CONCEPTS**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** the questions.

All questions carry equal marks.

1. What is scientific management?
2. Define systems approach.
3. What are the objectives of management?
4. Differentiate short and long term planning.
5. Define Delegation.
6. What is meant by delegation of authority?
7. What is meant by integrated control system?
8. What is performance standard?
9. What is meant by ethical audit?
10. What do you understand by environmental ethics?

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Discuss the systems approach to Management.

Or

- (b) Explain the different levels of management.

12. (a) Enumerate the scope of planning.

Or

- (b) Bring out the steps involved in decision making process.

13. (a) Distinguish between Mechanics and Adaptive structure of organizational design.

Or

- (b) Differentiate Formal and Informal organization.

14. (a) Explain the application of the process of control at different levels of management.

Or

- (b) Elucidate the remedial actions for measurement of performance.

15. (a) Explain the ethical issues and dilemma in business.

Or

- (b) Describe the ethical leadership in business management.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Describe the Neo-classical theory of management thought.
  17. Elaborate the steps, benefits and limitations of MBO.
  18. List out the impact of technology on organizational design.
  19. Write in detail about the MBE.
  20. Enumerate the sustainable business practices in India.
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**R6197**

**Sub. Code**

**646501**

**M.B.A. DEGREE EXAMINATION, NOVEMBER 2021.**

**First Semester**

**Disaster Management**

**ECOSYSTEMS AND HABITAT**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

1. Trophic pyramids
2. Ozone hole
3. Hydrosphere
4. Wetlands
5. Deciduous forest
6. Monsoon forest
7. Environmental protection act
8. Coastal Regulation Zone
9. National park
10. Sea Turtle conservation.

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Explain the food web in ecosystem.

Or

- (b) Describe the global warming impact on ecosystem.

12. (a) Explain the marine ecosystem with an illustration.

Or

- (b) Bring out the ecosystem prevails in lakes.

13. (a) Discuss the animal life in evergreen forest.

Or

- (b) Elucidate the carrying capacity of tropical forest.

14. (a) Describe the salient feature of Wild life Protection Act. 1972.

Or

- (b) Examine the importance of coastal regulation zone (CRZ) notification 2019.

15. (a) Bring out the importance of Sea Turtle Conservation of Orissa.

Or

- (b) Analyse the importance of Mudumalai National Park.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Explain the similarities and dissimilarities of ecosystem of habitats.
  17. Narrate an essay on hydrological cycle and its various elements.
  18. Critically examine the ecosystem of tropical dry evergreen forest
  19. Give a detailed account forest and wildlife conservation in India.
  20. Apprise the conservation programme of Gulf of Mannar Marine National Park.
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**R6198**

**Sub. Code**

**646301**

**M.B.A. DISASTER MANAGEMENT DEGREE  
EXAMINATION, NOVEMBER – 2021**

**Third Semester**

**DISASTER MITIGATION**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

Write a note on the following:

1. Disaster risk
2. Sustainable development
3. Development planning
4. Neoliberal framework
5. Risk mitigation
6. Social capital
7. Coping strategies
8. Desertification
9. DRR
10. Ecosystem



**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Explain the linkages between risk and social vulnerability.

Or

- (b) Describe the concept of risk and livelihood security in disaster mitigation.

12. (a) Discuss the various process involved in State Planning for disaster mitigation.

Or

- (b) Explain the role of multinational agencies in disaster mitigation planning.

13. (a) Bring out the challenges of development planning in disaster risk.

Or

- (b) Describe the people centered development in disaster mitigation.

14. (a) Elucidate the coping mechanism of flood.

Or

- (b) Illustrate the coping strategy of famine and drought.

15. (a) Explain the concept of mainstreaming DRR.

Or

- (b) What are the key legislations related to disaster risk reduction?

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Elucidate the implications of disaster risk on sustainable development
  17. Brings out the various criticisms of planning in neoliberal framework
  18. Discuss the participatory planning as a social capital for DRR.
  19. Narrate the various coping mechanisms in food security and livelihood.
  20. Discuss mitigation strategies for drought.
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**R6199**

**Sub. Code**

**646302**

**M.B.A. DISASTER MANAGEMENT DEGREE  
EXAMINATION, NOVEMBER – 2021**

**Third Semester**

**GEOINFORMATICS IN DISASTER MITIGATION**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

Write a note on the following:

1. Geoinformatics
2. Earthquake
3. Tsunami
4. Rehabilitation
5. Forest fire
6. Drought vulnerable area
7. Data management
8. Sustainable development
9. Disaster management
10. Decision support system

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Examine the role of GIS for monitoring and management of landslides.

Or

- (b) Describe the importance of remote sensing for disaster mitigation.

12. (a) Explain the role of GIS for damage assessment and rehabilitation.

Or

- (b) Elucidate the cyclone monitoring by using INSAT satellites.

13. (a) Describe the forecasting system of forest fire by using GIS.

Or

- (b) What are the causes of forest fire?

14. (a) Describe the concepts risk assessment and risk vulnerability.

Or

- (b) Explain the land use planning and regulation for sustainable development.

15. (a) Describe the spatial data infrastructure.

Or

- (b) Explain the role of DSS for disaster management.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Elucidate the importance of RS and GIS in disaster mitigation and forecast.
  17. Examine the role of satellites in monitoring cyclone.
  18. Describe the GIS based drought analysis.
  19. Discuss the application of remote sensing and GIS techniques in disaster management.
  20. Analyse the role of GIS for disaster management through SDI.
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**R6200**

**Sub. Code**

**646503**

**M.B.A. DEGREE EXAMINATION, NOVEMBER – 2021**

**Third Semester**

**Disaster Management**

**ECONOMICS OF DISASTER AND FINANCING**

**(CBCS – 2019 onwards)**

Time : 3 Hours

Maximum : 75 Marks

**Part A**

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

Write a note on the following:

1. Information asymmetry.
2. Moral hazard
3. Transaction cost
4. Tangible costs
5. Risk aversion
6. Market imperfections
7. Disaster financing
8. Risk financing
9. Weather derivatives
10. International financial institutions

**Part B**

(5 × 5 = 25)

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

All questions carry equal marks.

11. (a) Describe the Akerlof's model.

Or

- (b) Explain the concept of adverse selection in disaster economics.

12. (a) Bring out the economic impact of disaster in India.

Or

- (b) How do you identify and assess the risk in disaster?

13. (a) Discuss the Arrow-Lind theorem.

Or

- (b) Describe the principles for public intervention in the catastrophe insurance markets.

14. (a) Explain the trends of disaster financing in India.

Or

- (b) Illustrate the functions of the Finance Commission in disaster financing.

15. (a) Bring out the role of International Financial Institutions in disaster financing.

Or

- (b) Write a brief note on 'Disaster and Development'.

**Part C**

(3 × 10 = 30)

Answer any **three** questions.

All questions carry equal marks.

16. Discuss the Principal-Agent Model
  17. Explain the different methods used in damage assessment.
  18. Elucidate the types of alternative risk transfer in disaster financing
  19. Describe the disaster financing framework and policy of the Government of India.
  20. Narrate the role of the World Bank in disaster financing.
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