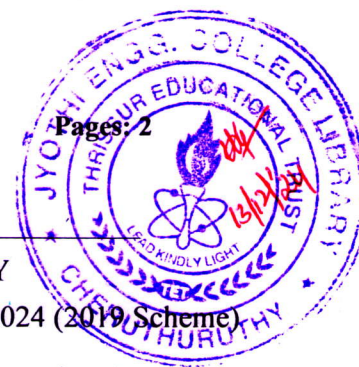


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Reg No.: \_\_\_\_\_

Name: \_\_\_\_\_

**APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

B.Tech Degree S5 (R, S) / S5 (PT) (R,S) / S5 (WP) (R) Examination November 2024 (2019 Scheme)

**Course Code: MCN 301**

**Course Name: DISASTER MANAGEMENT**

Max. Marks: 100

Duration: 3 Hours

**PART A**

*(Answer all questions; each question carries 3 marks)*

	Marks
1 What are disasters? What are their causes?	3
2 Explain the major reasons for ozone depletion	3
3 Define hazard. List different types of hazards.	3
4 Explain the contemporary approaches to risk assessments	3
5 List any 6 public health services required in responding to disasters	3
6 Distinguish between disaster prevention and disaster mitigation by giving examples.	3
7 Explain the importance of communication in disaster management	3
8 What are the benefits of stakeholder participation in Disaster risk reduction	3
9 How man made disaster are varied from natural disasters. Explain with examples.	3
10 Explain the role of National Institute of Disaster management in our country	3

**PART B**

*(Answer one full question from each module, each question carries 14 marks)*

**Module -1**

11 a) Explain major features of hydrosphere and biosphere in detail	8
b) Differentiate between disaster and hazard	6
12 a) Explain crisis counselling. What are the needs of crisis counselling?	6
b) Define the following	8
i) Capacity ii)Early warning system iii)Disaster prevention iv)Disaster risk reduction	

**Module -2**

13 a) Explain disaster response and the major factors affecting disaster response	6
b) Explain important measures for disaster risk reduction	8
14 a) Explain major contemporary approaches to disaster risk assessment	8
b) Explain the methods of expressing population risk	6

**Module -3**

- |    |    |   |   |
|----|----|---|---|
| 15 | a) | What are major disaster responses. Explain in detail with examples                        | 8 |
|    | b) | How Project cycle management linked to relief   | 6 |
| 16 | a) | State and explain the types of disaster mitigation measures.                              | 8 |
|    | b) | Discuss the role of international relief organizations in disaster response and recovery. | 6 |

**Module -4**

- |    |    |   |   |
|----|----|---|---|
| 17 | a) | Describe the effective ways of promoting Stakeholder participation in Disaster risk reduction | 7 |
|    | b) | Explain the basic steps in participatory stakeholder engagement                               | 7 |
| 18 | a) | Enlist the barriers to effective communications.  | 8 |
|    | b) | Differentiate between risk communication and crisis communication                             | 6 |

**Module -5**

- |    |    |  |   |
|----|----|--|---|
| 19 | a) | Explain various methods for assessing capacity   | 6 |
|    | b) | Explain legal arrangement in India on disaster management  | 8 |
| 20 | a) | Explain the guiding principles and priorities of action according to the Sendai framework for Disaster Risk Reduction. | 6 |
|    | b) | Explain the salient features of the National Policy on Disaster Management in India                                    | 8 |

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