**TU/CODL**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (AUTUMN) 2019**

**DEM 203: PLANNING FOR RISK AND CRISIS MITIGATION**

**Time: 3 hours Total Marks: 70**

*The figures in the right-hand margin indicate marks* f*or the individual questions*

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1. Answer the following questions within 50 words each: 2x7=14

1. Based on which four parameters, evaluation of counter disaster resources could be done?
2. Distinguish between Tangible and Intangible losses.

***or***

1. Distinguish between Act and Policy.
2. What is meant by Incident Command System?
3. Name two basic components of environmental capital.
4. Mention two important aspects of evacuation management.
5. Define the terms Mortality and Morbidity.
6. Point out two important roles of GIS in disaster management. ***or***
7. Who are the Chairperson and members of NDMA?

2. Answer the following questions within 100 words each: 5x5=25

1. Discuss briefly about basic components and essential conditions of early warning mechanism.
2. Mention five important aspects of industrial safety.
3. Enlighten important approaches of environmental management
4. Discuss briefly about disaster management structure of India.

***or***

Name five national counter disaster resources and discuss their roles and responsibilities.

1. Mention important steps of loss assessment in sequence.

**P.T.O.**

3. Answer the following questions within 500 words each:

1. Discuss briefly about five common tools of HVCA. 10
2. Discuss objectives and recommendations of National Policy on Disaster Management - 2009 11

***or***

Describe elaborately about the suggestive framework of State Disaster Management Plan in India.

1. Explain elaborately the methods of Hazard and Vulnerability assessment. 10

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