**TU/CDOE**

**TEZPUR UNIVERSITY**

**SEMESTER END EXAMINATION (SPRING 2023)**

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

**Time: 3 Hours Total Marks: 70**

*The figures in the right-hand margin indicate marks for the individual question.*

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1. Answer the following questions **within 70 words**:
2. Point out three basic applications of Geo-Informatics in disaster management. **2**
3. Mention the four parameters useful for evaluation of counter disaster resources. **2**

or

Define legal-organizational structure.

1. Name two national counter disaster resources which are involved in disaster response and land-use planning. **2**
2. Mention two basic factors of environmental capital. **2**
3. Point out two prime objectives of NPDM – 2009. **2**
4. Differentiate between tangible and intangible losses. **2**
5. Who are the Chairperson and members of NDMA? **2**

or

Mention two major impacts of global warming.

1. Answer the following questions **within 120 words:**
2. List out five nodal ministries and organizations associated with disaster management in India. Discuss briefly about their roles and responsibilities. **5**
3. Discuss briefly about the common approaches of loss assessment. **5**

or

Discuss briefly about five useful tools of disaster risk analysis.

1. Discuss five highpoints of DM Act – 2005. **5**
2. Briefly discuss the major problem areas of flood hazard and useful approaches of flood risk mitigation. **5**
3. Compare the roles and responsibilities of national and international counter disaster resources. **5**

**P.T.O**

1. Answer the following questions **within 500 words:**
2. Discuss elaborately about common vulnerability factors and important safety norms of production industries. **10**
3. Describe elaborately the vision and recommendations of NPDM-2009 of India. **11**

or

Describe suggested guidelines and common framework of District Disaster Management Plan in India.

1. Explain the importance of EIA for sustainable development. Point out different steps of the EIA mechanism. **10**

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