

**ENTRANCE TEST SYLLABUS**  
**For Two-year PG Programme**  
**M.A. / M.Sc. Disaster Management (Session 2026)**

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**Unit-I**

Concept of Hazards and Disasters  
Concept of Vulnerability, Exposure, Capacity, and Disaster Risk and Resilience  
Capacity Building and Disaster Risk Reduction  
Disaster Management Continuum

**Unit-II**

Yokohama Strategy (1994)  
Hyogo Framework for Action (HFA) (2005-2015)  
Sendai Framework for Disaster Risk Reduction (2015-2030)  
Sustainable Development Goals (SDGs) (2015-2030)

**Unit-III**

Origin of the Solar System  
Origin and Structure of Earth  
Landforms and their Types  
Igneous, Metamorphic, and Sedimentary Rocks

**Unit-IV**

Environment: Atmosphere, Biosphere, Hydrosphere, and Lithosphere  
Society: Population, Gender, Ethnicity, Migration, Conflicts, and Drug Abuse  
Global Warming, Global Change  
Ecology and Sustainability

**Unit-V**

India: Physiography and Climate  
Water and Forest Resources of India  
Emerging Environmental Issues of India: Air and Water Pollution  
Land Use Change, Deforestation, Soil Erosion, and Desertification

**Unit-VI**

Land use and land Cover  
Land Capability Classification  
Weathering and Erosion and their types  
Soil Formation, Soil Profiles, and Soil Conservation

**Unit-VII**

Fundamentals of Remote Sensing  
Geographical Information System (GIS)  
Global Navigation Satellite System (GNSS)  
Field Survey Tools and Techniques

**Unit-VIII**

Hydrological Cycle  
Surface water and Groundwater  
Stream flow and Hydrographs  
Flooding and Floodplains

#### **Unit-IX**

Global Environmental Issues  
Water Resources Management  
Air and Water Pollution: Causes, Consequences, and Control  
Water Scarcity

#### **Unit-X**

Atmosphere: Origin, Composition, and Structure  
Climate Change and Its Causes  
Climate Change Adaptation and Mitigation  
Renewable and Non-Renewable Forms of Energy

#### **Unit-XI**

Disaster Management Act of India (2005)  
Disaster Management Policy of India (2009)  
Disaster Management Plan of India (2019)  
Prime Minister's Ten Point Agenda on Disaster Risk Reduction

#### **Unit-XII**

National Action Plan on Climate Change  
Role of UNDRR in Disaster Risk Reduction  
Disaster Management Plan of J&K  
State Action Plan for Climate Change and Human Health (Jammu and Kashmir, UT)

Sd/:

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