

DEPARTMENT OF GEOGRAPHY  
JAMIA MILLIA ISLAMIA  
SYLLABUS FOR ENTRANCE TEST

**PG Diploma in Disaster Management (Evening and Self Finance)**

Forces of the Earth's Crust & Earth Movements; Folds and Faults; Volcanoes and Earthquakes; Rocks; Major Landforms; Types of Streams, Drainage Pattern, Evolution of Landscape : Fluvial, Glacial, Aeolian, Coastal,

Elements of Weather and Climate; Composition and Structure of Atmosphere; Insolation and Heat Budget; Temperature; Pressure and Winds; Humidity; Forms of Precipitation and Types of Rainfall, Cyclones and Anti-cyclones; Temperature and Salinity of oceans; Tides, sea level rise. World Patterns of Growth, Distribution and Density of Population; Human Migration: Past and Present; Population Problems of Developed and Developing Societies; Patterns of Urbanization in the World.

India: Physiographic Divisions; Drainage System; Origin and Mechanism of Indian Monsoon; Seasons of India; Trend and Pattern of Population Growth and Distribution; Patterns of Urbanization in India; Population Problems and Policies.

Nature and Management of Deforestation, Desertification, Floods and Droughts, Soil Erosion and Land Degradation; Water Pollution; Global Warming; Population Explosion, Food Security and Sustainable Development.

Definition and Classification of maps; Map Projections, Topographic sheets, Measures of Central Tendency, Fundamentals of remote sensing, GIS and GPS

Disaster management; Typology and classification of Disaster, Disaster management cycle; key concepts, Vulnerability analysis; Risk analysis; International approaches to cope up climate change: UNFCCC, The Paris Agreement-2005, Kyoto protocol, Sendai Framework. United Nations Office for Disaster Risk Reduction (UNDRR Climate change mitigation in developing countries; Hyogo Framework of action, Environmental protection Act 1989, Coastal Zone Regulation Notification, 1991, Disaster Management Act, 2005, Structure for Disaster Management in India, Crisis Management Plan (CMP) and Standard Operating Procedures(SOPs), Post Disaster Need Assessment(PDNA), Functions and structure of National Institute of Disaster Management(NIDM), International Agencies in Disaster Management, Major Disasters in India, Current affairs