

Paper 1, Generic Elective (GE-1) Theory, 5 Credit, FM 75 (to be opted by candidates from disciplines other than Geography)

Subject Matters in Geography

		Sessional Internal			External		Grand Total
		Written	Attendance	Total	Theory	Distribution of Marks	
1	Full Marks	10	05	15	60	4x15	60+15=75
2	Pass Marks	04		06	24		30
1	Number of Questions to be set-			08(Eight)			
2	Structure of Question				No. of Question	Distribution of Marks	Total
	(a)	Question number 1. is Compulsory which will be Multiple choice Questions/Fill in the Blanks			10	10x1.5	15
	(b)	Out of 07 Long Type Question, one Question may be Short answer type/short Notes Question(3x5=15). Rest Six will be Long Question. Any 03 Question to be Answered			7	3x15	45
Total							60

Module-I

Meaning, Nature and Scope of geography; Relation of other Natural and Social Sciences; Development and Future of Geography; Determinism vs Possibilism.

Module-II

Origin of the Earth : Big Bang Theory; Landforms: Ist Order, IInd Order and IIIrd Order; Folds and faults; Earthquake, Tsunami; Composition of Atmosphere, Air mass, Cyclone, Monsoon Winds; Salinity of Ocean, Ocean Currents, Coral Reef, Tides.

Module-III

Human Activities: Population Distribution of the World and India; Migration; Population Explosion and Optimum Population; Population Policies; Economic activities and its consequences; Deforestation, Soil Degradation, Displacement; Organic Foods.

Module-IV

Settlement: Pattern and Problems of Rural and Urban Settlement in World and India, Rural and Urban Planning; Remote Sensing, GIS, GPS; Tourist Places of India and Jharkhand.

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Paper 1, Generic Elective (GE-1) Practical, 1 Credit, FM 25 (to be opted by candidates from disciplines other than Geography)

1. Ombrothermic Graph/Rainfall and Temperature Graph, Hythergraph, Climograph - **10 Marks**
2. Bar Diagram, Pie Diagram, Pyramid Diagram - **10 Marks**
3. PNB+Viva Voce - **5 Marks**

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Paper 2, Generic Elective (GE-2) Theory, 5 Credit, FM 75 (to be opted by candidates from disciplines other than Geography)

Disaster Management and Climate Change

		Sessional Internal			External		Grand Total
		Written	Attendance	Total	Theory	Distribution of Marks	
1	Full Marks	10	05	15	60	4x15	60+15=75
2	Pass Marks	04		06	24		30
1	Number of Questions to be set-				08(Eight)		
2	Structure of Question				No. of Question	Distribution of Marks	Total
(a)	Question number 1. is Compulsory which will be Multiple choice Questions/Fill in the Blanks				10	10x1.5	15
(b)	Out of 07 Long Type Question, one Question may be Short answer type/short Notes Question(3x5=15). Rest Six will be Long Question. Any 03 Question to be Answered				7	3x15	45
Total							60

Module-I

Hazard and Disasters: Definition and Concepts; Disaster Risk and Vulnerability; Classification; Impact, distribution and mapping with reference to Flood, Drought, Earthquake, Tsunami and Cyclones.

Module- II Response and Mitigation to Disasters: Mitigation and Preparedness, NDMA and NIDM; Indigenous Knowledge and Community-Based Disaster Management; Do's and Don'ts Do.

Module- III

Science of Climate Change: Causes and effects; Global warming; Global climatic assessment- IPCC; Zero Carbon Emission.

Module- IV

Impact of Climate Change: Agriculture and Water; Flora and Fauna; Human Health; Concept of Sustainable Development.

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Paper 2, Generic Elective (GE-2) Practical, 1 Credit, FM 25 (to be opted by candidates from disciplines other than Geography)

		Sessional Internal			External		Grand Total
		Written	Attendance	Total	Practical	Distribution of Marks	
1	Full Marks	-	-	05	20	-	20+5=25
2	Pass Marks			02	08		10

Project Work/Report on relevant topics pertaining to Disaster Management and Climate Change, Impact of Climate Change, Major Disaster in World (Natural or Man Made).

15 Marks

Project File & Viva-Voce –

10 Marks

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OR