

GEOGRAPHY

SEMESTER – I

PAPER : **MIC-1 (T)** **Full Marks: 100**
TITLE OF THE PAPER : **GEOMORPHOLOGY** **ESE: 70**
CREDIT : **2** **CIA: 30**

COURSE OBJECTIVES :

- 1.To understand the origin and internal structure of the Earth.
- 2.To examine various Geomorphic processes.
- 3.To understand earth movements and related features.

COURSE OUTCOMES :

After completion of the course students will be able to -

1. Understand the various Geomorphic Processes.
2. Understand the properties and types of Rocks.
3. Understand Earth movement and its resultant features.

Unit	Topics	No. of Lectures
I	Origin of the Earth- Gaseous Hypothesis, Binary Star Hypothesis; Internal Structure of the Earth	06
II	Geomorphic Process: Weathering and Erosion, Rocks and its Types.	06
III	Plate Tectonics, Earthquake and Volcanoes.	08
Total		20

Suggested Readings:-

- 1.Bridges E.M.(1990),World Geomorphology,Cambridge University Press,Cambridge.
- 2.Dayal.P. A Text Book of Geomorphology, Rajesh Publication, New Delhi.
- 3.Gautam Alka(2007), Bhuakriti Vigyan, Rastogi Publications.
- 4.Hussain M., (2002), Fundamentals of Physical Geography, Rawat Publication, Jaipur.
- 5.Kale V.S.and Gupta A., (2001), Introduction to Geomorphology,Orient Longman, Hyderabad.
- 6.Khullar D.R..(2011) ,Physical Geography, Kalyani Publishers, New Delhi.
- 7.Monkhouse,F.J.(2009),Principles of Physical Geography,Platinum Publishers,Kolkata.
- 8.Singh Savindra(2017),Bhoutik Bhogol ,Vashundhara Prakashan,Gorakhpur.
- 9.Strahler A. N.and Strahler A.H.(2008), Modern Physical Geography,John Wiley & Sons, New York.
- 10.Thornbury W. D.,(1968) ,Principles of Geomorphology, John Wiley & Sons, New York.

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SEMESTER – I

PAPER : MIC-1 (P) **Full Marks- 100**
TITLE OF THE PAPER : GEOMORPHOLOGY **ESE: 70**
CREDIT : 1 **CIA: 30**

COURSE OBJECTIVES :

1. To study Topographical Maps with the help of conventional signs and symbols..
2. To understand contour lines.
3. To understand relief features.

COURSE OUTCOMES :

After completion of the course students will be able to-

1. Understand the concept and properties of various types of Rocks and Minerals.
2. Identify various types of Rocks and Minerals.
3. Understand the various land forms and other Geomorphic processes.

UNIT	Topics	No. of Lectures
I	Conventional signs and Symbols.	05
II	Contour Lines and representation of Relief: Plateau, Conical hill, U-shaped valley, Waterfall.	05
Total		10

Suggested Readings:-

1. Singh R.L., Singh Rana P.B. (2020), Elements of Practical Geography, Kalyani Publishers.
2. Sharma J.P., (1991-92) Prayogik Bhugol (Practical Geography) Rastogi & Company Meerut.
3. Sinha, MMP & Bala, Seema (2017) Uch Cartography, Rajesh Publication, New Delhi.
4. Sarkar, A (2015) Practical Geography: A Systematic Approach, Orient Black Swan Private Ltd. New Delhi.

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