
COURSES OF STUDY FOR FYUGP IN "GEOGRAPHY" MULTIDISCIPLINARY

MULTIDISCIPLINARY COURSE-1

(SEM-I)

MULTIDISCIPLINARY COURSE- :
GENERAL GEOGRAPHY

Marks: 75

(Credits: Theory-03) 45Hours

Course Objective:

- 1) This course shall introduce definition and scope of physical geography.
- 2) This paper shall elucidate the characteristics of atmosphere, lithosphere, and the fluvial cycle of erosion.
- 3) This course shall provide detailed understanding related to hydrosphere and its related processes.

Learning Outcomes:

- 1) This paper shall enable the students to understand the basic concepts, definition and scope of physical geography.
- 2) This course shall enable the students to comprehend the dynamics of atmosphere, lithosphere and fluvial erosion cycle.
- 3) Students shall be well-versed with hydrological processes, ocean bottom relief, tides and currents.

Course Contents:

UNIT 1. Physical Geography – Definition, Scope and development, Branches of Physical Geography
Origin of Earth, Internal Structure of Earth based on Seismic Evidence,

UNIT 2. Atmosphere – Heat Balance, Global Circulation Pattern, Tropical Cyclones, Monsoon-Theory of Origin (Thermal and Dynamic), Rainfall pattern of Indian Monsoon, Climatic Classification (Koppen).

UNIT 3. Lithosphere – Plate Tectonics-Concept, Types of plate boundaries and its Associated Features, Vulcanicity, Earthquake, Mountains, Plateaus, Plains.

UNIT 4. Hydrosphere – Hydrological Cycle-Component and Processes, Ocean Bottom Relief Features, Tides-Types and Origin, Currents-Types and factors of their formation.

References:

1. Conserva H. T. (2004). Illustrated Dictionary of Physical Geography. USA: Author House.
2. Garrett N. (2000). Advanced Geography. USA: Oxford University Press.
3. Goudie, A. (1984). The Nature of the Environment: An Advanced Physical Geography. Oxford, UK: Basil Blackwell Publishers.
4. Hamblin, W. K. (1995). Earth's Dynamic System. New Jersey, USA: Prentice Hall.
5. Strahler A. N. and Strahler A. H. (2008). Modern Physical Geograph. New York, USA:

5. Gabler R. E., Petersen J. F. and Trapasso, L. M. (2007). Essentials of Physical Geography (8th Edition). USA: Thompson, Brooks/Cole.
6. Gupta S.L, Bhu-Akriti Vigyan, Directorate of Hindi Medium Implimentation, Delhi 1992
7. Husain M. (2002). Fundamentals of Physical Geography. Jaipur, India: Rawat Publications.
8. Monkhouse, F. J. (2009). Principles of Physical Geography. Kolkata, India: Platinum Publishers.
9. Singh, S. (2019). Bhotik Bhugol (10th Edition). Allahabad, India: Prayag Pustak Bhawan