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1A (Sem-1/ITEP) GGY01 MJ

2025

GEOGRAPHY

(Major)

Paper : GGY0100104-N

(Introduction to Physical Geography)

Full Marks : 60

Time : 2½ hours

The figures in the margin indicate full marks for the questions.

1. Answer the following questions : $1 \times 8 = 8$
 - (a) Define Physical Geography.
 - (b) Give a definition of Biogeography.
 - (c) What is Environment ?
 - (d) Who is known as the father of Biogeography ?
 - (e) What is the unit of atmospheric pressure?
 - (f) Give an example of cold ocean current.

- (g) Name the largest Ocean on earth.
- (h) Name the instrument used to measure temperature.

2. Answer **any six** questions from the following : $2 \times 6 = 12$

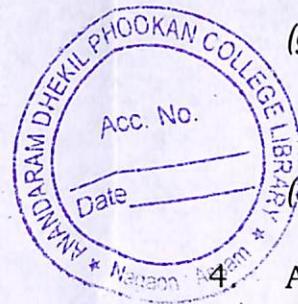
- (a) Define Geomorphology.
- (b) Differentiate between endogenic and exogenic forces.
- (c) What do you mean by landform? Give two examples of landforms.
- (d) What is ecosystem? What are the components of an ecosystem?
- (e) What is biodiversity? Mention its types.
- (f) Distinguish between isolation and temperature.
- (g) How does temperature help in causing rainfall?
- (h) Why is ocean water saline?
- (i) What do you mean by the term 'ecology'?
- (j) What is the difference between weathering and erosion?

3. Answer **any four** questions from the following : $5 \times 4 = 20$

- (a) State the importance of the study of oceanography.
- (b) Describe the role of biotic and abiotic factors in an ecosystem.
- (c) Discuss the factors responsible for the origin of ocean currents with examples.
- (d) Why does atmospheric low pressure develop?
- (e) Explain the cycle concept of landform development proposed by W. M. Davis.
- (f) Write the meaning and scope of Oceanography.
- (g) Describe the factors causing variations of atmospheric pressure on the earth's surface.
- (h) Explain how peneplain is formed.

4. Answer **any two** questions from the following : $10 \times 2 = 20$

- (a) State the meaning and scope of biogeography.



- (b) Describe the global wind system with a neat diagram.
- (c) State the concept and the importance of the theory of uniformitarianism.
- (d) Discuss the human impact on biodiversity. Explain deforestation, pollution, habitat loss and conservation strategies.

