

Total number of printed pages—4

1A (Sem-1/ITEP) GGY01 MN

2025

GEOGRAPHY

(Minor)

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 : 1×8=8
- (a) What is physical geography ?
 - (b) What is tsunami ?
 - (c) Name the largest Ocean in the world.
 - (d) What is biodiversity ?
 - (e) Name *one* biotic component of the earth.
 - (f) Which instrument is used to measure temperature ?

(g) Give *one* example of Greenhouse gas.

(h) What is normal lapse rate ?

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

(a) Explain the difference between weathering and erosion.

(b) Describe *any two* interior layers of the Earth.

(c) Write *two* Branches of physical geography.

(d) Distinguished between warm and cold ocean currents.

(e) What is an ecosystem ? Name its *two* main components.

(f) What is biodiversity ?

(g) What do you mean by the term 'ecology' ?

(h) What do you mean by landforms ?

(i) What is deforestation ? State *any one* of its effects.

(j) Why ocean water is saline ?

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

(a) Discuss the importance of physical geography.

(b) Describe the role of biotic and abiotic factors in an ecosystem.

(c) Discuss the meaning and scope of climatology.

(d) Write the meaning and scope of oceanography.

(e) Explain how peneplain is formed ?

(f) Discuss the factors responsible for the origin of ocean currents with examples.

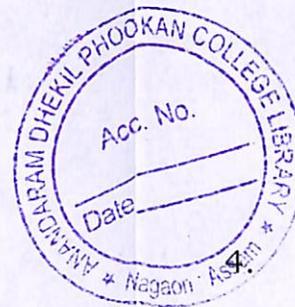
(g) Explain the cycle concept of land form development proposed by W. M. Davis.

(h) Describe the factors causing variation of atmospheric pressure on the earth.

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

(a) State the meaning and scope of biogeography.

(b) Write the meaning, scope and the nature of physical geography.



- (c) State the concept and the importance of the theory of Uniformitarianism.
- (d) Discuss the impact of human on biodiversity. Explain deforestation, pollution, habitat loss and conservation strategies.

