

Total number of printed pages-4

3 (Sem - 1/CBCS) GGY HC 1

2023

GEOGRAPHY

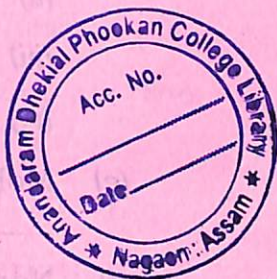
(Honours Core)

Paper : GGY-HC-1016

(Geomorphology)

Full Marks : 60

Time : Three hours



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

1. Answer the following objective type questions : 1×7=7

(a) Who is the father of geomorphology ?

(b) Rift valley is formed due to _____.

(i) wrapping

(ii) faulting

(iii) folding

(iv) erosion

Contd.

(c) What is the density of the core of the Earth ?

(d) Inselburg is associated with _____

(i) glacial erosion

(ii) wind erosion

(iii) river erosion

(iv) sea waves erosion

(e) Moho discontinuity is found in between _____ and _____.

(f) Name the most destructive wave of earthquake.

(g) Who proposed the concept of cycle of erosion ?

2. Answer the following very short answer-type questions : $2 \times 4 = 8$

(a) What is weathering ?

(b) Name *two* endogenetic forces for landform development.

(c) Name *two* natural factors of mass wasting.

(d) Name *two* erosional landforms created by glacier.

3. Answer the following short answer type questions : **(any three)** $5 \times 3 = 15$

(a) Distinguish between endogenetic and exogenetic forces of landform development.

(b) Write the scope of geomorphology.

(c) Define mass wasting. What are the various types of mass wasting ?

(d) Explain the Airy's view on isostasy.

(e) Explain the characteristics of geosyncline.

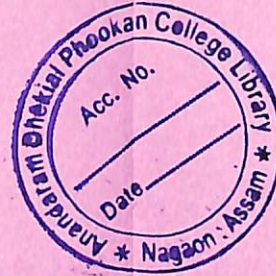
4. Answer the following questions : **(any three)** $10 \times 3 = 30$

(a) Discuss critically the Wegner's continental drift theory. $8 + 2 = 10$

(b) Explain the various depositional features created by rivers.

(c) Discuss in detail the characteristics of the different layers of the earth's interior with neat diagram.

(d) How are folds formed ? Discuss the major types of fold. $3 + 7 = 10$



(e) What are the various types of volcanoes ?
Discuss the influence of volcanism on
landform development. 5+5=10

(f) What is plate tectonics ? State the
various causes of plate motion.

5+5=10

