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3 (Sem 1) GGY M2

2015

GEOGRAPHY

(Major)

Paper : 1.2

(Basis of Geomorphology)

Full Marks – 60

Time – Three hours

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

1. Choose the correct option of the following
questions : 1×7=7

(a) Who among the following proposed normal
cycle of erosion theory ?

Hartshorne / Davis / Penck / Hutton

(b) Which one of the following is the youngest
folded mountain ranges in India ?

Aravalli Hills / Eastern Ghats / Himalayas /
Western Ghats

[Turn over

- (c) is a tributary of the Brahmaputra
Tsang Po / Subansiri / Son / Mahananda.
- (d) Inselberg is associated with fluvial / glacial
/ arid / coastal topography.
- (e) Moraine is the term associated with fluvial
/ glacial / arid / coastal topography.
- (f) Wind actions create 'Mushroom rocks' which
are usually found in —
Deserts / Plateaus / Tropical coastal area /
Hills.
- (g) The India's highest annual rainfall is reported
at —
Chamba, Himachal Pradesh / Churu, Rajasthan
/ Mawsynram, Meghalaya / Namchi, Sikkim.

2. Write very briefly on the following : $2 \times 4 = 8$

- (a) Sial layer
- (b) Rift valley
- (c) Delta
- (d) Radial drainage

3. Write short notes on any *three* of the following:

5×3=15

(a) Physical weathering

(b) Eustatism

(c) Flood plain

(d) Branches of Physical Geography

4. Discuss the structure and composition of earth's crust and interior. 10

Or

Discuss the continental drift theory as put forward by Alfred Wegener.

5. Describe the erosional and depositional landforms associated with fluvial topography. 10

Or

Discuss the mountain Building theory as propounded by Aurther Holmes.

6. Discuss the causes of earthquakes and volcanoes and their geomorphic impacts. 10

Or

Discuss the nature and scope of Physical Geography.