

M.A./M.Sc. 2nd Semester Examination, 2011

GEOGRAPHY

PAPER—GEO-201

Full Marks : 40

Time : 2 hours

The figures in the right-hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

UNIT—XIII

(Regional Geomorphology)

GROUP—A

(Turn Over)

1. Answer any *one* question : 8 × 1

- (a) Explain the geological and geomorphological characters of Andaman and Nicobar Islands with special reference to shallow marine areas, shore fringes and island interiors.
- (b) Explain the formation of the chenier topography in Subarnarekha delta.

GROUP – B

2. Answer any *two* questions : 4 × 2

- (a) Briefly identify the characters of the landform units of Deccan volcanic province.
- (b) How can the soil and landform characteristics be related in Chhotanagpur Plateau ?
- (c) 'Present is the key to the past.' Explain the concept in geomorphology.
- (d) Describe the primary and subordinate geomorphological processes that shape landforms in Rajasthan desert.

GROUP – C

1. Answer any *two* questions : 2 × 2

- (a) Discuss the mechanism of fluvial terrace formation in the foothills of Darjiling Himalaya.
- (b) Distinguish between positive and negative feedbacks in geomorphology.
- (c) What is 'pat region' in Chhotanagpur Plateau?
- (d) Select any one area in Andaman group of islands and enlist its response to the 2004 Tsunami.

UNIT – XIV

(Geography of Climatological Events)

1. Answer any *one* question : 8 × 1

- (a) Explain the effects of topographic unevenness in hilly and mountainous terrain on air flow, cloud and precipitation.

(b) Discuss the evidences which suggest climate change during geological history of the earth.

2. Answer any *two* questions : 4 :

(a) Distinguish between tropical cyclone and tornado in reference to their hazardous impacts.

(b) Evaluate the technological break through in measuring weather elements after the advent of satellites.

(c) Cite suitable examples of maritime influence on coastal weather.

(d) Present the classification of tropical cyclone according to IMD with examples.

3. Answer any *two* questions : 2

(a) State the conditions in which Norwesters are formed.

- (b) What do you understand by 'Milankovitch Cycle' ?
 - (c) Why are descending winds usually dry ?
 - (d) What is anthropogenic forcing in relation to climate change ?
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