

M.A./M.Sc. 2nd Semester Examination, 2013

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)

[Marks : 20]

Time : 1 hours

(Turn Over)

GROUP – A

1. Answer any *one* of the following questions : 8 × 1

- (a) Discuss the environmental geomorphological features of coral fringe coasts of Andaman group of islands with reference to their development.
- (b) Explain the mountain geomorphology of Darjeeling Himalaya with special reference to fluvial features.

GROUP – B

2. Answer any *two* questions : 4 × 2

- (a) Explain how beach ridges are developed in the Subarnarekha deltaic coast.
- (b) Identify the geomorphological processes and associated landforms of Rajasthan desert.
- (c) Discuss the development and distribution of laterite upland surface, valley cut and valley fill features at the fringe areas of Chhotanagpur plateau.

- (d) Identify the macro-landform features of the Maharashtra plateau with reference to their development.

GROUP – C

3. Answer any *two* questions : 2 × 2
- (a) Where does accretionary prism develop ?
- (b) How fluvial terrace is developed in foothills of Darjeeling Himalaya ?
- (c) Identify the differences between desert dunes and coastal sand dunes of India.
- (d) What is 'Holocene Optimum' ?

UNIT – XIV

(*Geography of Climatological Events*)

[*Marks : 20*]

Time : 1 hours

GROUP – A

1. Answer any *one* of the following questions : 8 × 1
- (a) Discuss the methods adopted in reconstruction of past climate.

- (b) Write a note on the various types of hazards associated with a tropical cyclone.

GROUP – B

2. Answer any *two* questions : 4 × 2
- (a) Explain the factors for location of the sub-tropical deserts in the Western margins of the continents.
- (b) Why and how is sunshine recorded ?
- (c) Make a comparison between tropical wet and dry, and savanna climate.
- (d) Give a short account of the valley winds.

GROUP – C

3. Answer any *two* questions : 2 × 2
- (a) How does adiabatic process operate in the rain shadow areas ?
- (b) What are 'proxy data' in paleo-climatic studies ?

(c) Mention the hazardous aspects of a Nor-Wester.

(d) What is 'little ice age' ?
