

2018

CBCS

1st Semester

GEOGRAPHY

PAPER—C11

(Honours)

Full Marks : 60

Time : 3 Hours

*The figures in the right-hand margin indicate full marks.
Candidates are required to give their answers in their
own words as far as practicable.*

Illustrate the answers wherever necessary.

Geotectonic and Geomorphology

Group—A

1. Answer any ten questions :

10×2

(a) What is 'Diastrophism'?

(b) What is 'Mohorovicic Discontinuity'?

(Turn Over)

- (c) Distinguish between 'Benioff zone and Subduction zone'. 2
- (d) What do mean by 'Graben and Rift valley'? 2
- (e) What is 'Chelation'? 2
- (f) Explain the 'Gilbert's Sixth Power Law'. 2
- (g) Define its 'Inversion of Relief'. 2
- (h) What is extended consequent river ?
- (i) What is 'Messa' and 'Bute'? 2
- (j) Write the formation of 'Terarossa'. 2
- (k) Define river entrainment.
- (l) Differentiate normal fault and reverse fault.
- (m) What is honey-comb structure ?
- (n) What are seismic waves ?
- (o) What is isostatic anomaly ?

Group—B

2. Answer any *four* questions : 4×5

(a) Explain the mechanism of the formation of midoceanic ridge to develop constructive plate margin. 5

(b) Explain the comparative analysis between cycle of Erosion and Non-cycle of Erosion. 5

(c) Differentiate the isostatic model as proposed by Airy and Pratt. 5

(d) Briefly discuss the resultant landforms of Weathering. 5

(e) Briefly describe the fluvio-glacial landforms. 5

Group—C

3. Answer any *two* questions : 2×10

(a) Describe the different landforms to develop in the areas of Destructive plate margin.

- (b) Discuss the Karst landforms in the different stages of cycle of erosion.
- (c) Describe the various fluvio-aeolian landforms in the Desert-Semidesert area.
- (d) Discuss the development of drainage system and landforms on a terrain of uniclinal structure.
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