

2018

CBCS

1st Semester

GEOGRAPHY

PAPER—DSC-1AT

(General)

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.

Physical Geography

Group—A

Answer all questions.

1. Answer any ten questions :

10×2

(a) What is 'tropopause' ?

(b) What is the significance of Ozone Layer ?

(Turn Over)

- (c) Define the 'Heat Island'.
- (d) What do mean by 'Doldrums' ?
- (e) What is 'eye of cyclone' ?
- (f) Define the 'Burst of Monsoon'.
- (g) Define the Geosyneline.
- (h) What is 'Monadnock' ?
- (i) What is 'Sargossa Sea' ?
- (j) Define 'Guyots'.
- (k) What is meant by the Earth's albedo ?
- (l) What is MONEX ?
- (m) What is subduction zone ?
- (n) What is Rossby wave ?
- (o) What is the cause of High Tide ?

Group—B

2. Answer any *four* questions : 4×5

(a) Explain the scope and contents of Physical Geography. 5

(b) Explain the mechanism of the genesis of tropical cyclone over the Bay of Bengal. 5

(c) Discuss the role of Jet stream to the genesis of Indian Monsoon. 5

(d) Explain the formation of island arcs. 5

(e) Explain the formation of Ferrel cell with Suitable sketches. 5

Group—C

3. Answer any *two* questions : 2×10

(a) Explain the different theories of Indian Monsoon genesis.

- (b) Discuss the Mechanism of Himalayan Mountain formation in the point of two Destructive Plate margin.
- (c) Compare the landform evolution theories as proposed by Davis and Penck.
- (d) Illustrate the bottom relief features of Pacific Ocean.
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