2020

GEOGRAPHY (Honours)

Paper : GEOH DC-5A

(CBCS)

Full Marks : 25 Time : Two Hours

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

Group - A

Answer any *one* question of the following : 10×1=10

1. Analyse the factors effecting atmospheric insolation process. Estimate and explain incoming atmospheric heat budget. What is greenhouse effect? 4+4+2

2. Explain the mechanism of formation of precipitation condition according to Bergeron-Findeisen. Compare relative humidity with absolute humidity. 8+2

Group - B

Answer any *three* questions of the following : 5×3=15

3. Explain the process of Ozone layer formation. What is Ozone depletion? 3+2

4. Distinguish between the process of frontogenesis and frontolysis. What is Chinook? 4+1

5. Construct relationship between normal lapse rate and adiabatic lapse rate. 5

6. Write the merits and demerits of Koeppens's scheme of climatic classification. 5

7. Discuss the development of a tropical cyclone. 5

8. Discuss the effect of monsoon on Indian climate. 5

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