

UG/3rd Sem/H/20(CBCS)

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 :  $10 \times 1 = 10$

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 :  $5 \times 3 = 15$

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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