

UG/3rd Sem (H)/22/(CBCS)

2022

GEOGRAPHY (Honours)

Paper Code : GEOH DC-5A

(Climatology)

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. Write about the different basis of climatic classification. Critically analyze the scheme of climatic classification after Koppen.  $2+8=10$
2. Discuss about layering of the atmosphere based on thermal changes. Briefly explain the importance of atmosphere.  $7+3=10$

**Group - B**

Answer any *three* questions of the following :  $5 \times 3 = 15$

3. What is a micro climate ? Differentiate between weather and climate.  $2+3=5$

P.T.O.

( 2 )

4. Define insolation. Distinguish between insolation and temperature. 2+3=5
  5. Explain the effect of El-Nino on Global weather phenomena. 5
  6. What is an index cycle ? How are rossby waves related to the index cycle ? 2+3=5
  7. Distinguish between frontogenesis and frontolysis. 5
  8. Write a short note on heat budget of the earth. 5
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**GEOGRAPHY (Honours)**

**Paper Code : GEOH DC-6A**

**[Statistical Methods in Geography]**

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. Write down the methods for primary data collection.  
What is data ? Differentiate between census and sample  
method with example. 2+3+5=10
2. What are the measures of Dispersion ? Explain different  
types of measures of Dispersion with suitable example.  
2+8=10

**Group - B**

Answer any *three* questions of the following :  $5 \times 3 = 15$

3. Describe the salient characteristics of product moment  
correlation. 5

P.T.O.

4. Write a short note on probability of frequency distribution. 5
5. Explain the advantages of standard deviation. 5
6. Write down the advantages and limitations of probability sampling. 5
7. Define the central tendency of data. What are the limitations of mean? 1+4=5
8. What are the objectives of measuring variation? What should be the good measures of variation? 3+2=5

Group - A

Answer any two questions of the following: 10x1=10

1. Write down the methods for primary data collection. What is the difference between census and sample method with example. 2+3+2=10

2. What are the measures of dispersion? Explain briefly. Give one example of dispersion with suitable example. 3+2=5

Group - B

Answer any two questions of the following: 3+3=6

1. Explain the different components of a research report.

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**GEOGRAPHY (Honours)**

**Paper Code : GEOH DC-7A**

**[Geography of India]**

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. Discuss in detail the scheme of regionalization of India as proposed by R. L. Singh. What do you mean by economic region of India ?  $8+2=10$
2. Briefly discuss the present scenario and importance of Automobile Industry in India. What are the future prospects of Information Technology in India ?  $7+3=10$

**Group - B**

Answer any *three* questions of the following :  $5 \times 3 = 15$

3. Highlight the major structural formation of India during the Quaternary (Pleistocene) period.

P.T.O.

4. State the socio-economic influences of literacy in India.
  5. Briefly discuss the origin of Indian Monsoon with respect to Jet stream.
  6. Describe the problem and prospect of IT industry in India.
  7. Describe the impact of Green Revolution in Indian agriculture.
  8. What is the environmental importance of the mangrove forests in India ?
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