

DHANAMANJURI UNIVERSITY

2021

(JUNE)

GEOGRAPHY

GEG-506

OCEANOGRAPHY

Full Mark: 40

Answer all questions.

1. Discuss "Oceans are future storehouse of Resources." 10
Or
Describe the salient features of the topography of Atlantic Ocean.
2. Describe the factors which control the amount and distribution of salinity in different oceans. 10
Or
Explain the factors which control the vertical and horizontal distribution of temperature of the oceans.
3. Name the ocean currents of Pacific Ocean and describe their effects on adjoining lands. 10
Or
How are ocean currents caused? What factors determine the nature and origin of ocean currents?
4. Write short notes on any two of the given terms. 5+5=10
 - a. Coral Reef
 - b. Ocean Waves
 - c. Tides
 - d. Tsunamis

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DHANAMANJURI UNIVERSITY
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GEOGRAPHY

GEOGRAPHY OF INDIA
Paper Code: GEG-507

Full Mark: 40
Pass Mark: 16

The figures in the margin indicate full marks for the question

Answer the following questions

1. Describe in brief the major physiographic divisions of India. 10
OR
Describe the major climatic regions of India. 10
2. Define Green Revolution and discuss its impact on Indian Agriculture. 10
OR
Mention the major natural resources of India. Discuss the need for their conservation and suggest suitable measures for conserving them. 10
3. Describe the main factors responsible for the localization of Iron and Steel Industry in India giving suitable examples. 10
OR
Examine the role of different modes of transportation in India for regional development. 10
4. Mention the major tribal groups of North East India. Discuss the social and cultural aspects of the Kuki tribe. 10
OR
Write a note on the racial and ethnic diversities of India. 10

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2021

(June)

Geography

QUANTITATIVE TECHNIQUES IN GEOGRAPHY

Full Marks: 40

The questions are of equal value.

The figures in the margin indicate full marks for the questions.

Answer any **four (4)** questions.

- Q. No. 1: Define Scales of Measurement. Discuss in detail the different forms of scales of measurement under categorical and numerical data. 10
- Q. No. 2: Calculate mean and standard deviation either by assumed mean method or step deviation method from the following data and interpret the results. 10
- | Age (in Year): | 50-55 | 45-50 | 40-45 | 35-40 | 30-35 | 25-30 |
|-------------------|-------|-------|-------|-------|-------|-------|
| No. of Labourers: | 22 | 29 | 31 | 47 | 51 | 70 |
- Q. No. 3: Calculate Karl Pearson's coefficient of correlation of the following data and interpret the result. 10
- | Price (in Rs.) | 43 | 54 | 59 | 68 | 72 | 73 | 79 | 85 | 91 | 95 |
|----------------|-----|----|----|----|----|----|----|----|----|----|
| Demand (Tons): | 105 | 98 | 84 | 73 | 52 | 63 | 59 | 53 | 49 | 40 |
- Q. No.4: Discuss Correlation. Write in detail the merits and demerits of Karl Pearson's coefficient of correlation. 10
- Q. No. 5: Discuss the basic principles of probability in statistics. 10
- Q. No. 6: Write an essay on the significance of statistical techniques in geographical studies. 10

DHANAMANJURI UNIVERSITY

2021

(JUNE)

GEOGRAPHY

GEG - 509

POPULATION AND SETTLEMENT GEOGRAPHY

Full Marks : 40

All the questions are of equal value carrying 10 marks each.

Select any four (4) questions to answer

Q. 1. Give an account of the evolution of Settlement Geography. Write about its approaches.

or

Describe the types and patterns of Rural Settlement.

Q. 2. What are the factors influencing the growth and distribution of Settlement ?

or

Explain the Malthusian theory of population growth.

Q. 3. Explain Christaller's Model Theory of Urban settlement.

or

Discuss the factors influencing the dispersion of settlement.

Q. 4. Define migration and its types. What are the push and pull factors for the migration of population. ?

or

Write in detail about the various types of Demographic Transition Theory.
