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3 (Sem-3/CBCS) GGY HC 1

2023

GEOGRAPHY

(Honours Core)

Paper : GGY-HC-3016

(Economic Geography)

Full Marks : 60

Time : Three hours

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

1. Answer the following questions : 1×7=7
- (a) Define dry farming.
 - (b) Name one major industrial region of USA.
 - (c) What is multiple cropping ?
 - (d) Define intensive agriculture.
 - (e) What is fund resource ?
 - (f) Name the tea research centre of Assam.

Contd.

(g) Give an example of non-renewable resource.

2. Answer the following questions in brief :
2×4=8

(a) Classify the agricultural practices on the basis of supply of land.

(b) What is meant by 'conservation of resources' ?

(c) Name *two* important chemical industries.

(d) Distinguish between renewable and non-renewable resources.

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

(a) Write the factors influencing activation of wheat in the world.

(b) Write a note on characteristics of Mediterranean agriculture.

(c) Discuss the important characteristic features of subsistence agriculture.

(d) Compare and contrast the features of traditional large scale industries and modern high tech industries.

(e) Define resource and explain its dynamic concept with examples. 2+3=5

4. Define economic geography. Discuss its meaning and subject matter. 2+8=10

Or

What are the different approaches to the study of economic geography ? Discuss *any one* in this respect. 2+8=10

5. Mention the various factors influencing establishment of iron and steel industry. Examine critically the Weber's theory of industrial location in this respect. 4+6=10

Or

What are the advantages and disadvantages of railway transport ? Discuss its role in the mobilisation of resources and economic development of India. 4+6=10

6. What are the sources of imports into India ? Name the principal commodities that are imported into India. State India's trading relations with few countries. 3+3+4=10

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3 (Sem-3/CBCS) GGY HC 2

2023

GEOGRAPHY

(Honours Core)

Paper : GGY-HC-3026

**(Geography of India with Special
Reference to N. E. India)**

Full Marks : 60

Time : Three hours

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

1. Answer the following : 1×7=7

- (a) Which state of India has the highest number of cotton textile industry ?
- (b) What is the full form of S. A. I. L. ?
- (c) What is the eastern-most point of India ?
- (d) Name the newly declared National Park of Assam.

Contd.

(e) Mention *one* mountain pass of the Himalayas.

(f) Which type of forest is found in Sundarban delta?

(g) Which language is common in Nagaland?

2. Answer the following questions in very short :
2×4=8

(a) Name *two* Iron and Steel Industry of India.

(b) Name *four* states of India through which tropic of cancer passes.

(c) Name *two* Ramsar sites of North-East India.

(d) Name *two* major tribes of Arunachal Pradesh.

3. Write short notes : (*any three*) 5×3=15

(a) Distribution of fertilizer industry in India

(b) Mechanism of Indian Monsoon

(c) Soil types of North-East India

(d) Shifting and terrace cultivation in North-East India

(e) Natural vegetation of India

4. Answer the following questions : (*any three*)
10×3=30

(a) Explain the locational significance of India with reference to present-day global geopolitical context.

(b) Discuss about the distribution and trend of production of iron and steel industry in India. Briefly examine how this industry is contributing to the country's economic growth. 6+4=10

(c) Describe the different physiographic divisions of India along with their salient features.

(d) What are the agro-climatic regions of India? Explain briefly the cropping pattern in each agro-climatic region. 2+8=10

(e) How density of population is determined by the physiographic condition of North-East India? — Explain.

(f) Mention the major ethnic groups of North-East India and briefly discuss their salient socio-cultural practices.

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3 (Sem-3/CBCS) GGY HC 3

2023

GEOGRAPHY

(Honours Core)

Paper : GGY-HC-3036

(Quantitative Methods in Geography)

Full Marks : 60

Time : Three hours

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

1. Answer the following objective type questions : 1×7=7

(a) What is data ?

(b) You obtained a sample data which is relatively normally distributed. Which measure of central tendency would you use to calculate the average value of the same ?

(c) Mention *any one* of the Relative Measures of Dispersion.

Contd.

- (d) Name the method where the researcher divides a population into relatively similar subpopulations and obtains a representative sample.
- (e) If r is the simple correlation coefficient, the quantity r^2 is known as _____.
- (f) The slope of regression line of Y on X is also called _____.
- (g) Student's t -test was designed by
- R. A. Fisher
 - Wilcoxon
 - Wald-Wolfowitz
 - W. S. Gosset

2. Answer the following very short answer type questions : $2 \times 4 = 8$

- What is the objective of sampling techniques?
- If in an asymmetrical distribution median is 28 and mean is 31, what will be the value of mode?
- What is correlation?
- What are the main objectives of time series analysis?

3. Answer the following short answer type questions : **(any three)** $5 \times 3 = 15$

- What is the best measure of dispersion, and how? If the mean and coefficient of variation of a data set are 15 and 48 respectively, then find the value of standard deviation.
- The temperature of two cities A and B in a winter season are given below. Find which city is more consistent in temperature changes?

Temperature of city A in degree Celsius	18	20	22	24	26
Temperature of city B in degree Celsius	11	14	15	17	18

- Write a note on how Regression Analysis is useful in geographical data analysis.
- Write briefly about the nature and sources of geographical data.
- Explain the Moving Average method of Time Series Analysis.

4. Answer the following questions : **(any three)** $10 \times 3 = 30$

- With suitable examples, discuss the different types of levels of data measurement. Also mention their basic characteristics. $5 + 5 = 10$

(b) What are different measures of dispersion? Discuss the utility of these measures in geographical studies.

2+8=10

(c) What is meant by quantification? Discuss its significance in geographical studies.

2+8=10

(d) What is Time Series? Why do we need to analyse Time Series data? Discuss with examples.

1+3+6=10

(e) What is Central Tendency? What are its common measures? Stating the reason for choosing, calculate the most representative value of Central Tendency for the following data :

2+2+6=10

The size of land holding of 380 families in a village of Assam

Size of land Holding (in acres)	Less than 100	100-200	200-300	300-400	400 and above
Number of Families	40	89	148	64	39

(f) What is sampling? Discuss the various methods of sampling used by the geographers.

2+8=10
