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6 SEM TDC GGR M 7

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(May)

GEOGRAPHY

(Major)

Course : 607

**(Geographical Thoughts and
Quantitative Methods)**

Full Marks : 48

Pass Marks : 19/14

Time : 2 hours

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

1. Answer the following as directed : $1 \times 4 = 4$

(a) *Iliad* and *Odyssey* were the works of
Thales/Homer/Anaximander.

(Choose the correct answer)

(b) Median is the _____ value of
a distribution in ascending or
descending order.

(Fill in the blank)

- (c) "Statistics is the mathematical study of probability."

(Write True or False)

- (d) The value of standard deviation is greater than the value of mean deviation for a same series of data.

(Write True or False)

2. Answer the following questions **within 150 words** each :

4×2=8

- (a) Write the contribution of Arab scholars towards the development of Geography.

Or

Write a note on the works of Karl Ritter.

- (b) Why are quantitative techniques important in geographical studies? Discuss it.

Each question of Unit—I and Unit—II to be answered **within 300 words** :

UNIT—I

(Geographical Thoughts)

3. Write a note on the works of Alexander von Humboldt.

Or

Give a brief description of age of exploration and discovery.

4. Give an account of the contribution of Greeks in the development of geography during classical period. 9

UNIT—II

(Quantitative Methods)

5. What is median? Calculate the median of monthly income of 2022 families in a region as given below : 2+7=9

<i>Monthly income (in ₹)</i>	<i>Number of families</i>
2000-3000	110
3000-4000	220
4000-5000	344
5000-6000	698
6000-7000	440
7000-8000	210

Or

What is sampling? Why is it used in geographical studies? Distinguish between systematic sampling and stratified sampling.

2+3+4=9

6. What do you mean by central tendency? What are different measures of Central Tendency? Find out the mode from the following data : 2+3+4=9

<i>Class interval</i>	<i>Frequency</i>
4-8	10
8-12	12
12-16	16
16-20	14
20-24	10
24-28	8
28-32	17
32-36	5
36-40	4

Or

Write short notes on any *two* of the following :

$$4\frac{1}{2} \times 2 = 9$$

- (a) Location quotient and its application in geographical studies
- (b) Nearest Neighbour Analysis
- (c) Regression Analysis

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