U.G. 3rd Semester Examination - 2020
GEOGRAPHY
[HONOURS]
Course Code : GEO-H-CC-T-06
(Statistical Methods in Geography)
[New Syllabus under CBCS]

Full Marks : 40   Time : $2\frac{1}{2}$ Hours

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

UNIT-I

1. Answer any **three** of the following questions :

$2\times3=6$

   a)   What is discrete data?

   b)   Give any two examples of continuous data.

   c)   What is binary data?

   d)   What is class width?

   e)   What is class frequency?

2. Answer any **one** of the following questions : $4\times1=4$

   a)   Define and specify the significance of purposive sampling.

   b)   Mention the major sources of primary data.

3. Answer any **one** of the following questions :

$10\times1=10$

   a)   Discuss the basic properties of normal distribution with suitable diagram.

   b)   Illustrate the significance and methods of systematic and stratified samplings.

UNIT-II

4. Answer any **three** of the following questions :

$2\times3=6$

   a)   What is central tendency?

   b)   What is range?

   c)   What is meant by regression?

   d)   What is correlation?

   e)   What is unimodal distribution?

5. Answer any **one** of the following: 4×1=4

    a) Write the significance of coefficient of variation.

    b) Specify different partition values with suitable examples.

6. Answer any **one** of the following questions :

                                 10×1=10

    a) Discuss the major advantages and disadvantages of mean and median.

    b) Make comparisons between rank correlation and product moment correlation.

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