

B.Sc 3rd Semester(Honours) Practical Examination, 2020-2021

GEOGRAPHY

Course Code : SH/GEO/303/C-7

Course Title : Statistical Methods in Geography

Time: 3 Hours

Full Marks:40

The figure in the margin indicate full marks.

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

Answer all questions.

1. Write short notes on any five of the followings :

- a) Sampling Techniques.
- b) Ogives.
- c) Mean & Median.
- d) Standar Deviation.
- e) Correlation.
- f) Quartile.
- g) Data and Information
- h) Bivariate Data

5x2 =10

2. a) Find out Pearsonian Product Moment Correlation

Co-efficient between rainfall and run-off river basin
from the following data.

8

Months	Rainfall(cm)	Run-off (cumec)
Jan	1.9	65
Feb	3.8	86
Mar.	6.0	132
Apr.	7.8	156
May	13.9	195
June	25.7	339
July	29.3	414
Aug.	27.6	352
Sept.	19.8	254
Oct.	14.7	221
Nov.	3.0	85
Dec.	1.7	58

b) Interpret the result.

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c) Find out the standard Error of Ertimate and calculate the Ran-off (cumec.)

when the amount of rainfall is 29.8 cm.

6+2 = 8

d) Difference between Correlation and Regression.

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3. Laboratory note book and Viva - Voce

5+5 = 10