

U.G. 3rd Semester Examination - 2020**GEOGRAPHY****Course Code : BGEOCCHS303****Course Title : Statistical Methods in Geography****[PRACTICAL]**

Full Marks : 20 Time : 1 Hour

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*1. Answer **all** the questions : $2 \times 5 = 10$

- What are the sources of geographical data?
- Match the following:

Variable	Scale of measurement
1. Hardness of minerals	i. Nominal
2. Temperature	ii. Ordinal
3. Rainfall	iii. Interval
4. Soil Type	iv. Ratio

- c) Refer to Table 1. How many students have scored above 75%marks?

Table 1	
% Score	No. of Students
55 – 60	7
60 – 65	17
65 – 70	51
70 – 75	79
75 – 80	89
80 – 85	97
85 – 90	100

- What are the different types of sampling?
 - What is the difference between correlation and regression?
2. The following data are the ages of Internet users obtained from a sample:

41	15	31	25	24
23	21	22	22	18
30	20	19	19	16
23	27	38	34	24
19	20	29	17	23

[Turn Over]

- a) Prepare a frequency distribution table for the given data. 3
 - b) Calculate the mean age of Internet users. 2
3. Determine the equation of the regression line for the following data and compute the residuals.

$$3+2=5$$

Table 2	
Rainfall (cm)	Yield (t / ha)
12	5.27
18	5.68
24	6.25
30	7.21
36	8.02
42	8.71
48	8.42
