U.G. 4th Semester Examination - 2022

GEOGRAPHY

[PROGRAMME]

Skill Enhancement Course (SEC)

Course Code : GEO-G-SEC-P-02(A)

[PRACTICAL]

Full Marks : 40   Time : 4 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.

(Any statistical software may be used)

Answer **all** the questions.

1. The following marks have been obtained by a group of students in statistics :

   Paper I : 80 45 55 56 58 60 65 68 70 75 85

   Paper II : 82 56 50 48 60 62 64 65 70 74 90

   Compute the correlation coefficient for the above data. Interpret it.   9+3=12

2. Draw a time series graph with the following data. Fit a trend line by Least Squares method and interpret the trend.   5+(5+2)=12

Year	Cotton Production (in Lakh Bales)
2009	398
2010	386
2011	332
2012	345
2013	377
2014	380

3. Write short notes on the following (any **two**):

                                                       $3 \times 2 = 6$

   a)   Spatial data

   b)   Sampling

   c)   Normal distribution

   d)   Regression analysis

4. Laboratory Note Book and Viva Voce.   5+5=10

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