

2020
GEOGRAPHY
[HONOURS]
PAPER : VI
(PRACTICAL)
[NEW SYLLABUS]

Full Marks : 50

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.*

Answer all the questions.

1. (a) Differentiate parametric data from non parametric data.
 (b) What is random sampling ? 2+2 = 4
2. (a) Draw a Histogram on the basis of the following frequency distribution table.

Days of sickness	No. of employees
00 - 04	10
05 - 09	12
10 - 14	7
15 - 19	6
20 - 24	5
25 - 29	3
30 - 34	2

- (b) Draw an ogive (less than type)
 (c) Compute Median and locate on the ogive drawn by you.
 (d) Find the Mean and modal value. 4+4+3+4 = 15

3. The monthly rainfall of a meteorological station are given below :

Months	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Rainfall(Inch)	46.4	63.0	48.8	61.1	50.6	57.5	55.5	57.0	60.8	48.3	43.5	40.7

Calculate the Co-efficient of variation of the rainfall and interpret it.

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4. The following table represents block wise rural population and literacy rate.

Rural Population (%)	Literacy rate (%)
35.15	88.20
42.61	72.40
56.32	62.77
59.84	60.26
69.20	53.50
76.45	49.17
78.55	52.00
82.61	44.98

(a) Plot the data on a scatter Diagram.

(b) Establish the trend line by the method of least squares and draw the line on the scatter diagram.

(c) Interpret the nature of relationship.

2+5+2 = 9

5. Draw a time series graph from the given set of data. Fit a trend line by semi average method.

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Census Years	1921	1931	1941	1951	1961	1971	1981	1991	2001	2011
No. of towns	89	94	105	120	184	223	291	382	375	909

6. Laboratory Note Book and Viva-voce.

5+ 5 =10