



WEST BENGAL STATE UNIVERSITY
B.A./B.Sc. Honours 3rd Semester Examination, 2020, held in 2021

GEOACOR07T-GEOGRAPHY (CC7)

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.
All symbols are of usual significance.*

GROUP-A

Answer any *one* question from the following 10×1 = 10

1. Elaborate upon the sources of geographical data for statistical analysis. 10
2. Define mean, median and mode. Compare their relative advantages and disadvantages. 3+7

GROUP-B

Answer any *four* questions from the following 5×4 = 20

3. State the significance of statistics in Geography.
4. Briefly explain the different parts of an ideal statistical table with a proper diagram.
5. Write a brief note on the different scales of measurement.
6. Differentiate stratified sampling from clustered sampling.
7. The production of fertilizers (in lakh tons) from 1997-98 to 2005-06 is given in the following table. Calculate the trend using 3 year moving average.

Year	1997-98	1998-99	1999-2000	2000-01	2001-02	2002-03	2003-04	2004-05	2005-06
Production of fertilizer in lakh tons	130.62	136.21	142.98	147.04	146.28	144.74	142.66	154.05	155.73

8. What are the advantages and disadvantages of mean deviation? Discuss.

9. Distinguish between Class Limit and Class Boundary with suitable examples.

GROUP-C

Answer any five questions from the following

2×5 = 10

10. What are the various methods for collection of primary data?
11. What factors should be considered while deciding upon the sample size?
12. What is meant by regression in statistics?
13. Differentiate between variable and attribute.
14. What are partition values?
15. Differentiate between population and sample.
16. State the importance of Coefficient of Variation.
17. $r = 0.75$. Interpret the correlation.
18. In equation $Y = a + bx$, what does 'a' and 'b' stand for?

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

—×—