



WEST BENGAL STATE UNIVERSITY
B.A./B.Sc. Honours 3rd Semester Examination, 2021-22

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

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| 1. | Define standard deviation and coefficient of variation. Discuss their relative advantages and disadvantages. | 4+6 |
| 2. | Define sampling with a suitable example. Discuss the various methods of random sampling. | 2+8 |

GROUP-B

Answer any *four* questions from the following

5×4 = 20

3. Differentiate between questionnaire and schedule.
4. Define nominal scale and ordinal scale.
5. Distinguish between correlation and regression.
6. Write a note on normal distribution.
7. What are the advantages and disadvantages of median? Discuss.
8. Calculate Spearman's rank correlation co-efficient from the given data:

Student ID	S15	S11	S23	S19	S14
Marks in Physics	75	69	91	54	66
Marks in Mathematics	81	83	77	65	57

9. Discuss how time series analysis is useful in Geography.

GROUP-C

Answer any five questions from the following

2×5 = 10

10. Define Statistics.
11. Describe interval scale.
12. Differentiate class limit from class boundary.
13. What are sampling errors?
14. What is a Scatter Diagram?
15. Define non-linear regression.
16. What is moving average?
17. Define probability.
18. What is product moment correlation?

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.*

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