



WEST BENGAL STATE UNIVERSITY
B.A./B.Sc. Honours 2nd Semester Supplementary Examination, 2021

GEOACOR04T-GEOGRAPHY (CC4)

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.*

CATEGORY-A

Answer any *one* question from the following

10×1 = 10

1. What do you mean by socio-economic maps? Which types of data are used for such maps? Discuss five ways of representation of socio-economic data in the form of maps. 2+3+5
2. Why do the geographers need to learn and use various instrumental survey methods? Which type of base map is suitable for the preparation of land use maps and why? 6+4

CATEGORY-B

Answer any *four* questions from the following

5×4 = 20

3. What is the difference between diagram and map? Give examples to substantiate your answer. 5
4. When should you use logarithmic scale for graphical representation of geographical data? What do you mean by characteristic and mantissa in logarithm? 3+2
5. What is meant by rounding off numbers? What is the practical purpose behind it? 3+2
6. Define bearing. Distinguish between magnetic and true bearing. 2+3
7. Which type of data can be represented in choropleth maps? What are the disadvantages of such maps? 3+2
8. Distinguish between isopleth and choropleth maps. 5
9. Distinguish between base-accessible and base-inaccessible methods in theodolite survey. 5

CATEGORY-C

Answer any five questions from the following

2×5 = 10

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| 10. | Convert whole circle bearing to reduced bearing when the readings are 233°30' and 104°40'. | 2 |
| 11. | Why do we use magnetic bearing in prismatic compass traversing? | 2 |
| 12. | Calculate the log value of 523980. | 2 |
| 13. | Convert the following values into scientific notation:
(i) 5360000,
(ii) 0.0000025 | 2 |
| 14. | Why do we call proportional circles proportional? | 2 |
| 15. | What is vernier constant? | 2 |
| 16. | Why do we prefer sphere to represent urban population? | 2 |
| 17. | How do we spread dots to represent rural population within an administrative unit? | 2 |
| 18. | Mention the two methods of checking the Reduced Level in Dumpy Level Survey. | 2 |

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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