



WEST BENGAL STATE UNIVERSITY
B.A./B.Sc. Honours 2nd Semester Examination, 2022

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.*

GROUP-A

Answer any one question from the following

10×1 = 10

1. Determine the Reduced Level and Height of Collimation from the given readings where Bench Mark is at station A i.e. 10.00 m. and change points are D and J.
Stations — A, B, C, D, E, F, G, H, I, J, K
Staff readings — 4.870, 4.680, 4.500, 4.300, 5.280, 5.130, 5.452, 4.95, 4.900, 4.800, 4.700, 4.955, 4.855
Stations are situated at 5.00 m. interval.
2. Explain the construction principle and method of Choropleth Map. Distinguish between Choropleth and Isopleths. 7+3 = 10

GROUP-B

Answer any four questions from the following

5×4 = 20

3. Find out the scientific notation for 0.00000000578 and anti-log value of 2.5463
4. Distinguish between whole circle bearing and Reduced bearing.
5. Determine the height of a object (A) from the base (B) when the height of the instrument at station of observation (X) is 1.30 m. and the distance between X and B is 20.00 m. The vertical circle readings obtained by a theodolite from station of observation are 18°20' and 18°30' on left and right face respectively.
6. Describe the types and uses of socio-economic maps.
7. Calculate the ground area of a closed traverse Prismatic compass survey when AB = 12 m. BC = 10 m. and CA = 14 m.
8. Describe the importance of Dot and Sphere map in geographical study.
9. Describe the various types of Bearing with suitable diagram.

GROUP-C

Answer any *five* questions from the following

2×5 = 10

10. What is mantissa?
11. Round the 5868 into nearest thousand and round the 4537 into nearest ten.
12. What is magnetic declination?
13. Calculate the slope and gradient between P and Q, when the Reduced level of the points are 436 m. and 218 m. respectively and the distance between P and Q is 10 km.
14. Convert Whole Circle Bearing (WCB) of Line AB = 198° into Reduced Bearing and Reduced Bearing of Line CD = N 55° W into Whole Circle Bearing.
15. Mention with example the use of pie diagram to represent socio-economic data.
16. Distinguish between true north and magnetic north.
17. Define closing error.
18. What is index of power?

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.*

—x—



WEST BENGAL STATE UNIVERSITY
B.A./B.Sc. Honours 2nd Semester Examination, 2022

GEOACOR03T-GEOGRAPHY (CC3)

HUMAN GEOGRAPHY

Time Allotted: 2 Hours

Full Marks: 50

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

CATEGORY-A

Answer any *two* questions from the following within 600 words each 10×2 = 20

1. Analyse the role of language and religion in creation of the cultural groups.
2. “Lifestyle of the Masai is a fine example of human adaptations to environment” — Justify the statement with proper arguments.
3. Critically discuss the Demographic Transition Model.

CATEGORY-B

Answer any *four* questions from the following within 150 words each 5×4 = 20

4. What is the role of religion in the creation of cultural regions?
5. Discuss the major problems faced by Pastoral Nomadism under recent global climate change phenomena.
6. What are the major consequences of rapid population growth in India?
7. State the socio-economic differences between agrarian and industrial societies.
8. Mention the main concept of Concentric Zone Model postulated by E. Burgess.
9. What are the major human ethnic groups of the world?
10. “Morphology of Indian villages reflects social segregation” — Elucidate.

CATEGORY-C

Answer any *five* questions from the following within 50 words each 2×5 = 10

11. What is the difference between a language and a dialect?
12. What is a ‘satellite town’?

13. What are the major problems of the industrial society?
14. What is human ecology?
15. What is 'Zero population' growth?
16. Define 'population explosion'.
17. What is urbanization?
18. What is ethnicity?
19. Define optimum population.

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.*

—x—