



**WEST BENGAL STATE UNIVERSITY**  
B.A./B.Sc. Honours 2nd Semester Examination, 2020

**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. Discuss the different approaches to Human Geography.
2. Define a Rural Settlement. Discuss the different patterns of compact rural settlements with examples.
3. Give a description of human adaptation to the environment in respect to their economic and social life with special reference to Masai.

**CATEGORY-B**

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

4. Discuss the spatial distribution of major world languages.
5. What are the elements for identification of ethnicity?
6. Mention the important characteristics of tertiary sectors of economy in an Industrial Society.
7. What are the characteristics of Brazilian Type of population resource region as discussed by Ackerman?
8. Mention the role of language information of cultural regions in India.

9. Define Society. Discuss the characteristics of Modern society.
10. Describe in brief the classical model of urban morphology.

**CATEGORY-C**

**Answer any *five* questions from the following within 50 words each**

**2×5 = 10**

11. What is transhumance?
12. Define Optimum population.
13. What is an Age-sex-pyramid?
14. Define Social space.
15. What is meant by high potential growth in Demographic Transition Model?
16. Give two examples of hunting and food gathering people still found today.
17. In which environmental condition are dispersed settlements formed?
18. What are the reasons for forming multiple business districts in cities and towns?
19. Define Geographical location.

**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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**WEST BENGAL STATE UNIVERSITY**  
B.A./B.Sc. Honours 2nd Semester Examination, 2020

**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. What is meant by Traverse Survey? Write the different types of Traverse Survey. Distinguish between Triangulation Survey and Traverse Survey. 3+3+4
2. Explain the concept of logarithmic curve and logarithmic scale. Why should you use isopleths method for a drainage density map and choropleth method for a population density map? 6+4

**GROUP-B**

**Answer any four questions from the following**

5×4 = 20

3. Find out scientific notation for 5.2300000000 and anti-log value of 3.68294. (with the help of five figure log/anti-log table)
4. Discuss the suitability of bar graph and line graph on the basis of the types of data to be used for them.
5. A Theodolite survey was conducted and the following observations are recorded. With the given data determine the height and horizontal distance of the object from the observation station A.

Station of observation	Object	Face	Vertical circle reading	Additional information
A	P	Left	15°50'	<ul style="list-style-type: none"> <li>AB=15m</li> <li>Instrument height at A=1.4m</li> <li>Instrument height at B=1.5m</li> </ul>
		Right	15°40'	
B	P	Left	25°35'	
		Right	25°25'	

6. Show that  $\log_2 10 - \log_2 125 = 1$ .

7. How do you calculate ground area of the traverse ABC having three unequal sides?
8. Write the different sources of error during the Prismatic Compass Survey.
9. A closed Traverse Survey was done in the field and following readings were taken but some data were found to be missing (Marked as?). Complete the table assuming that the Survey did not involve any error.

Line	Distance in Mts.	Forward Bearing	Backward Bearing
AB	12.8	N42°45'E	?
BC	4.5	?	N83°15'W
CD	7.8	?	N39°30'W
DE	13.33	S62°15'W	?
EA	14.98	N47°30'W	?

### GROUP-C

Answer any *five* questions from the following

2×5 = 10

10. Define Mean sea level.
11. What is Magnetic Declination?
12. What is the difference between Bench Mark and Reduced Level?
13. Convert the following Whole Circle Bearing (WCB) into Reduced Bearing:  
(i) WCB of CD = 120° and (ii) WCB of AB = 315°
14. Why should you consider Dumpy Level as a useful instrument for ground survey?
15. Why is rural population shown by dots?
16. Round off 7.2836 of the nearest tenths, hundredths and thousandths.
17. Distinguish between Land use and Land cover Maps.
18. Distinguish between composite and compound bar graphs.

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