



WEST BENGAL STATE UNIVERSITY
B.A./B.Sc. Honours 5th Semester Examination, 2021-22

GEOACOR11T-GEOGRAPHY (CC11)

FIELDWORK AND RESEARCH METHODOLOGY

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 (within 600 words) 10×1 = 10

1. Describe the different types of research. Clearly point out the difference between experiment and a survey. 6+4
2. Highlight the significance of literature review in research. Describe the procedures in identifying research problems in geography. 5+5

CATEGORY-B

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

3. Discuss the characteristics of a good hypothesis.
4. Highlight the significance of pilot survey in geographical research.
5. Differentiate between fundamental research and action research.
6. Why bibliography and references are important in research?
7. Give a brief account of the layout of a Research Report.
8. State the qualities of a good questionnaire in field survey.
9. Bring out the significance of tabulation in geographical research.

CATEGORY-C

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

2×5 = 10

10. Define Participant Observation.
11. Define FGD.
12. What is QUOTA sampling?
13. What do you mean by pilot survey?
14. What is the research question?
15. What is meant by 'citation'?
16. What do you mean by plagiarism in research?
17. What are the ethics in fieldwork?
18. What is a sampling error?

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 5th Semester Examination, 2021-22

GEOACOR12T-GEOGRAPHY (CC12)

DISASTER MANAGEMENT

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 (within 600 words) 10×1 = 10

1. Explain the mechanism of riverbank erosion highlighting its socio-economic impact. 6+4
2. Distinguish between risk and vulnerability of hazards. Describe the different pre-disaster management programmes. 4+6

CATEGORY-B

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

3. Differentiate between Hazard and Disaster.
4. Write a short note on the different types of seismic waves.
5. Describe the impact of tropical cyclones on Sundarbans.
6. Briefly discuss the key features of the National Disaster Management Act, 2005.
7. Discuss the role of afforestation in combating riverbank erosion.
8. Discuss different phases of Disaster Management in India.
9. Why the Himalayas are more prone to earthquakes than the Western Ghats?

CATEGORY-C

Answer any five questions from the following (within 50 words each)

2×5 = 10

10. Define seismic gap.
11. Define man made hazards with two suitable examples.
12. What do you understand by capacity building in hazard management?
13. Give two uses of hazard maps.
14. Discuss two roles of geo-spatial technology in disaster management.
15. Define hazard paradigm.
16. Give the names of data sources for preparing hazard maps.
17. Which are the nodal agencies of hazard management in India?
18. Define landfall.
19. What is hazards preparedness?

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WEST BENGAL STATE UNIVERSITY
B.A./B.Sc. Honours 5th Semester Examination, 2021-22

GEOADSE02T-GEOGRAPHY (DSE1/2)

Time Allotted: 2 Hours

Full Marks: 50

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CATEGORY-A

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

1. Discuss the scope and content of settlement geography. What are the characteristics of peri-urban areas? 7+3 = 10
2. What do you mean by urban morphology? Briefly discuss about the different classical models on urban morphology. 2+8 = 10
3. What are the different categories of towns and cities according to Census of India? Critically discuss the functional classification of cities as proposed by Nelson. 2+8 = 10

CATEGORY-B

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

4. Differentiate between site and situation of settlement.
5. Classify cities according to function as proposed by Mckenzie.
6. What are the different factors that affect the rural house types in India?
7. How does rank size rule explain the pattern of urban settlement?
8. What are the three basic principles of hierarchy as stated by W. Christaller in central place theory?
9. What do you mean by CBD? Write down the characteristics of CBD.

10. Discuss in brief about the policies related to development of rural infrastructure in India.

CATEGORY-C

Answer any five questions from the following (within 50 words each)

2×5 = 10

11. What is meant by primate city?
12. Differentiate between hamlet and dispersed settlement.
13. Define urban sprawl.
14. What is cruciform pattern of settlement?
15. Define metropolitan city.
16. What is urban agglomeration?
17. Differentiate between dry and wet point settlement.
18. What do you mean by social segregation?
19. What is urban hierarchy?

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WEST BENGAL STATE UNIVERSITY
B.A./B.Sc. Honours 5th Semester Examination, 2021-22

GEOADSE03T-GEOGRAPHY (DSE1/2)

POPULATION GEOGRAPHY

Time Allotted: 2 Hours

Full Marks: 50

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CATEGORY-A

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

1. Discuss the various sources of population data and mention their advantages and disadvantages. 6+4
2. Elucidate the concept of Human Development. How is HDI calculated? 4+6
3. Throw some light on literacy differentials found in India. How does illiteracy affect the population growth in India? 7+3

CATEGORY-B

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

4. Narrate the causes of declining sex ratio in India. 5
5. Give an account on inequality of education in India. 5
6. Discuss the problems resulted from urbanization in India. 5
7. Analyze the population and environment dichotomy. 5
8. Throw some light on the change in occupational structure in India since 1991. 5
9. Discuss the relevance of demographic transition theory in developed and developing countries. 5
10. Discuss the economic factors that influence the distribution of population in India. 5

CATEGORY-C

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

2×5 = 10

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| 11. | Define 'Life Table'. | 2 |
| 12. | Give the definition of 'workers' according to the Census of India. | 2 |
| 13. | What do you mean by 'population explosion'? | 2 |
| 14. | Define infant mortality rate. | 2 |
| 15. | Distinguish between man-land ratio and population density. | 2 |
| 16. | Define nutritional density. | 2 |
| 17. | What are the 'push factors' of migration? | 2 |
| 18. | What is the significance of age-sex pyramid? | 2 |
| 19. | Distinguish between metropolis and megalopolis. | 2 |

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