



**WEST BENGAL STATE UNIVERSITY**  
B.A./B.Sc. Honours/Programme 4th Semester Examination, 2023

**GEOHGEC04T/GEOGCOR04T-GEOGRAPHY (GE4/DSC4)**

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.*

*প্রান্তিক সীমার মধ্যস্থ সংখ্যাটি পূর্ণমান নির্দেশ করে।  
পরীক্ষার্থীরা নিজের ভাষায় যথা সম্ভব শব্দসীমার মধ্যে  
উত্তর করিবে।*

**CATEGORY-A / শ্রেণী-ক**

**Answer any two questions from the following (each within 600 words)** 10×2 = 20  
নিম্নলিখিত প্রশ্নগুলি থেকে যে-কোনো দুটি প্রশ্নের উত্তর দাও (প্রতিটি ৬০০ শব্দের মধ্যে)

1. What is water pollution? Briefly discuss the causes and impact of water pollution. 2+8  
জলদূষণ কাকে বলে? জলদূষণের কারণ ও প্রভাব সংক্ষেপে আলোচনা করো।
2. What are the different sources of solid and liquid wastes? Discuss the methods of management of these wastes. 3+7  
কঠিন ও তরল বর্জ্য পদার্থের বিভিন্ন উৎসগুলি কি কি? এই সকল বর্জ্য পদার্থ ব্যবস্থাপনায় বিভিন্ন পদ্ধতিগুলি আলোচনা করো।
3. What do you mean by eco-system? Discuss the man-nature relationship highlighting the environmental characteristics of the coastal eco-system. 2+8  
বাস্তুতন্ত্র বলতে কি বোঝো? উপকূলীয় বাস্তুতন্ত্রের পরিবেশগত বৈশিষ্ট্য উল্লেখ করে ঐ অঞ্চলে মানুষ ও প্রকৃতির সম্পর্ক আলোচনা করো।

**CATEGORY-B / শ্রেণী-খ**

**Answer any four questions from the following (each within 150 words)** 5×4 = 20  
নিম্নলিখিত প্রশ্নগুলি থেকে যে-কোনো চারটি প্রশ্নের উত্তর দাও (প্রতিটি ১৫০ শব্দের মধ্যে)

4. What are the different strategies for the conservation of forest resources and wildlife according to the National Environment Policy (2006) in India?  
ভারতের জাতীয় পরিবেশ নীতি (২০০৬) অনুযায়ী অরণ্য সম্পদ ও বন্যপ্রাণী সংরক্ষণের কৌশলগুলি কি কি?
5. What are the different system approach of environmental studies?  
পরিবেশ পাঠে বিভিন্ন ব্যবস্থানুগ পদ্ধতি বা সিস্টেম অ্যাপ্রোচগুলি কি কি?
6. What is Bio-diversity? What are the causes of loss of Bio-diversity?  
জীব-বৈচিত্র্য কি? জীব-বৈচিত্র্য ধ্বংসের কারণগুলি উল্লেখ করো।
7. How does energy flow from one trophic level to another in an eco-system?  
Explain with example.  
শক্তি কিভাবে একটি পুষ্টিস্তর থেকে অন্য পুষ্টিস্তরে প্রবাহিত হয় উদাহরণসহ ব্যাখ্যা করো।

8. Briefly discuss about the activities of The Club of Rome.  
দ্য ক্লাব অফ রোমের কার্যাবলী সংক্ষেপে আলোচনা করো।
9. Describe the vertical structure of the Tropical Rainforest Biome.  
ক্রান্তীয় বৃষ্টি-অরণ্য বায়োমের উল্লম্ব গঠন বর্ণনা করো।
10. Discuss the measures taken to prevent the soil erosion in tropical region.  
ক্রান্তীয় অঞ্চলে মৃত্তিকা ক্ষয় রোধের জন্য কি কি ব্যবস্থা নেওয়া হয় ?

**CATEGORY-C / শ্রেণী-গ**

**Answer any five questions from the following (each within 50 words)**  
নিম্নলিখিত প্রশ্নগুলি থেকে যে-কোনো পাঁচটি প্রশ্নের উত্তর দাও (প্রতিটি ৫০ শব্দের মধ্যে)

2×5 = 10

11. Distinguish between food chain and food web.  
খাদ্যশৃঙ্খল ও খাদ্যজালের পার্থক্য নিরূপণ করো।
12. Define In-situ Conservation with examples.  
উদাহরণসহ স্ব-স্থানিক সংরক্ষণের সংজ্ঞা দাও।
13. What is Bio-diversity Hotspot?  
জীববৈচিত্র্য হটস্পট কি ?
14. What is E-waste?  
ইলেকট্রনিক বর্জ্য কি ?
15. What is 'Man and Biosphere Programme' (MAB)?  
'মানুষ ও বায়োস্ফিয়ার পরিকল্পনা' কি ?
16. What do you mean by holistic environment?  
পরিবেশের সার্বিক দৃষ্টিভঙ্গি বলতে কি বোঝো ?
17. What are the necessities of Afforestation of Environment?  
বনসৃজন করা পরিবেশের জন্য জরুরী কেন ?
18. What is Ecotone?  
ইকোটোন কি ?
19. Differentiate between producer and decomposer.  
উৎপাদক ও বিয়োজকের মধ্যে পার্থক্য লেখো।

—x—



**WEST BENGAL STATE UNIVERSITY**  
B.A./B.Sc. Honours 4th Semester Examination, 2023

**GEOACOR08T-GEOGRAPHY (CC8)**

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. What are the causes behind the disparity in regional development in India? Do you think balanced development is possible in India? 7+3
2. Critically examine how Myrdal's theory explains the development of regional inequalities.
3. What is regional planning? Explain the need for regional planning in India. 2+8

**CATEGORY-B**

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

4. Discuss the characteristic features and functions of a metropolis.
5. Explain the methods of calculating Human Development Index.
6. Mention different techniques used to delineate functional region.
7. Discuss the 'Take-off stage' of the economic growth theory put forward by Rostow.
8. Briefly explain the term 'Development' with example.
9. Why instead of GNP, Purchasing Power Parity (PPP) has now being used as an indicator for measuring economic development?
10. What are the aims of Multi-level Planning in India?

**CATEGORY-C**

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

11. Mention two important objectives of regional planning.
12. What do you mean by unbalanced growth?
13. What do you mean by polarization?
14. Mention the present situation of India according to HDI.
15. In which way regional diversity leads to regional disparity?
16. What is the basic difference between an area and a region?
17. What do you understand by 'Backward and Forward Linkage'?
18. Write a short note on urban agglomeration.
19. What is 'Allocative' regional planning?

—x—



**WEST BENGAL STATE UNIVERSITY**  
B.A./B.Sc. Honours 4th Semester Examination, 2023

**GEOACOR09T-GEOGRAPHY (CC9)**

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.  
All symbols are of usual significance.*

**CATEGORY-A**

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

1. Critically explain the Von Thunen's theory of agricultural location and highlight its relevance in the modern world. 8+2
2. Discuss the physical and socio-economic factors responsible for mixed farming in Europe.
3. What do you mean by economic distance and transport cost? Make a comparison between goods and services. 5+5

**CATEGORY-B**

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

4. What are the different types of production system on the basis of economic activities?
5. What are the favourable condition for the development of cotton textile industry?
6. Highlight the problems and prospects of iron and steel industry in India.
7. Mention the role of transport system in the economic development of a country.
8. Describe the salient features of SEZ.
9. Explain the objectives and functions of WTO.
10. Give a brief account of IT industry in India and mention its problem and prospect.

**CATEGORY-C**

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

11. What are the objectives of BRICS formation?
12. Distinguish between large scale and small scale industry.
13. Distinguish between tertiary and quaternary activities.
14. Define "Break of Bulk" point with example.
15. What is Shipping Lane?
16. What do you mean by blue revolution?
17. Differentiate between reserved forest and protected forest.
18. Differentiate between free goods and economic goods.
19. What are the economic significance of inland fishing?

—x—



**WEST BENGAL STATE UNIVERSITY**  
B.A./B.Sc. Honours 4th Semester Examination, 2023

**GEOACOR10T-GEOGRAPHY (CC10)**

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.*

**CATEGORY-A**

**Answer any one question from the following (within 600 words) 10×1 = 10**

1. Describe the components of Ecosystem. State the energy flow in the ecosystem with diagrams. 4+6
2. What were the primary goals of the Stockholm summit? Explain the concept of sustainable development as discussed during the Rio Summit. 4+6

**CATEGORY-B**

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

3. Distinguish between food chain and food web with suitable examples.
4. Highlight the Geographers' approach to environmental studies.
5. Discuss the consequences of air pollution.
6. Write the salient features of Stockholm Earth Summit.
7. Highlight the importance of Kyoto Protocol for environmental management.
8. Give an account on the depletion of ozone layer as a global environmental concern.
9. Write down the objectives of the National Environmental Policy (NEP-2006).

**CATEGORY-C**

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

10. What is meant by land degradation?
11. Write down the role of decomposers in the ecosystem.
12. What is desertification?
13. Name two common methods of waste collection in urban areas.
14. State the impact of acid rain on ecosystem.
15. What is trophic structure?
16. What is ecotone?
17. What is environmentally sensitive zones?
18. What is carbon trading?

—x—