

MODEL QUESTIONS

SEMESTER- III



DEPARTMENT OF GEOGRAPHY

**HIRALAL MAZUMDAR MEMORIAL COLLEGE
FOR WOMEN**

DAKSHINESWAR, KOLKATA- 700 035

CLIMATOLOGY

Paper Code- GEOACOR05T

Unit I & II: Elements of the Atmosphere, Atmospheric Phenomena and Climatic Classification

Category A: 10 Marks

1. What are the different types of wind system discuss with examples.
2. Write the different types of trade wind.
3. Write the different States of Index Cycle.
4. Write the influences of jet stream on weather.
5. Write about the different gases of atmosphere and its importance.

Category B: 5 Marks

1. Write the different type of planetary wind?
2. What is ITCZ?
3. What is Equatorial westerlies?
4. What is polar wind?
5. What is house latitude?
6. What is heat equator?
7. What are the characteristics of jet stream?
8. What are the different type of jet stream?
9. What is Index-Cycle?
10. Write the relation of Jet stream on Monsoon.
11. What is Homosphere and Heterosphere?
12. Write the nature of layering atmosphere?
13. Write the composition of atmosphere.
14. Write the importance of nitrogen.

15. Write the importance of oxygen.
16. Write about different gases of atmosphere.
17. What is dust particles and write down about its importance.
18. Write the characteristics of cyclone.
19. Write the major names of tropical cyclones with area.
20. Write the different types of tropical cyclone.
21. Write the important features of tropical cyclone.
22. Write down the favorable conditions for formation of tropical cyclone.
23. Short note: Hurricane
24. Write about the speed and direction of tropical cyclone.
25. Describe the characteristics of anti cyclone.
26. What is front? what is frontolysis? what is frontogenesis?
27. What is cold and hot front?
28. What is occluded front?

Category C: (2 Marks)

1. What do you mean by wind system?
2. Write classifications of wind.
3. What is planetary wind?
4. What is the periodical wind?
5. What do you mean by irregular wind?
6. What is local wind
7. What are the different types of planetary wind?
8. What is trade wind
9. What are the different pressure belts of earth?
10. What is Roaring forties?
11. What do you mean by shrieking sixties?
12. What is brave wind?
13. What is zonal stream?
14. What is sub-tropical zonal stream?

15. What is tropical jet stream?
16. What do you mean by atmosphere?
17. What do you mean by ozone?
18. What do you mean by isothermal zone?
19. What is Tropopause?
20. What is Nitrogen Fixation?
21. What is ammonification?
22. What is Troposphere?
23. What is Ionosphere??
24. What is Magnetosphere?
25. What is cyclone?
26. What is anti cyclone?
27. Write different type of cyclone.
28. What is tropical cyclone?
29. What is ITC zone?
30. What is eye of storm?
31. What is typhoon?
32. What is Hurricane?
33. What is Tornado?
34. What is Insolation?
35. What is solar constant?
36. What do you mean by Heat-budget?
37. What is albedo?
38. What is inversion of temperature?
39. What is katabatic and anabatic wind?

GEOGRAPHY OF INDIA

PAPER CODE: GEOACOR06T

Topic: Geography Of India

Category A: (Marks 10)

1. Give an account on the structure of Himalayas
2. Briefly describe the geographical conditions available for the tea production in India.
3. Explain the distribution of minerals throughout the India.
4. Discuss about the localization and development of iron and steel industry of India.
5. Give an accounts on Green revolution and its consequences.
6. Explain about different tribes of India with their characteristics.
7. What is soil? Give an accounts on soil classification of India.
8. Give an account on distribution and utilization of iron ore
9. Give an account on distribution and utilization of coal.
10. Give an account on distribution and utilization of natural gas.
11. Briefly describe INFORMATION TECHNOLOGY(IT).
12. Explain the Regionalization of India by R.L. Singh.
13. Explain the regionalization of India by P. Sengupta.
14. Give an account on Automobile Industry.
15. Briefly describe the vegetation of India and its characteristics.
16. Discuss the growth of population of India.
17. Write about the policies taken by India for population growth.

Category B: (Marks-5)

1. Write the favorable conditions of tea production in India.
2. Classify different minerals available in India.
3. Write about any two tribes of India.
4. Write about the distribution of automobile industry.
5. Discuss the soil characteristics of India.
6. Discuss the formation of soil.
7. Distinguish Regionalization by R.L. Sing and P.Sengupta.

8. Write about the economical importance of vegetation in India.
9. Discuss about the problems of industry development in India.
10. Short note: Green Revolution.
11. What is the structure of population.

Category C:(Marks-2)

1. What is soil Ph?
2. What is natural gas?
3. What are the organic matter of soil?
4. What is ore?
5. Write about the impact of green revolution.
6. What is tribe?
7. What are te main problems of tea plantation?
8. What is soil conservation?
- 9.What is natural vegetation?
- 10.Short note: Jarwa
- 1 1.What is growth of population?
12. Write about Gaddi
- 13.Write about the Santal.

West Bengal

Category A: (Marks10)

- 1.Discuss about the physiographic division of West Bengal.
2. Evaluate the water resource of W.B
- 3.Give an accounts on agricultural resources of W.B.
- 4.What is Human Development and explain it.
5. What is the growth of population of West Bengal.
6. What is the distribution of population of West Bengal.
7. Discuss about the mining of West Bengal.

Category B: (Makrs-5)

1. What is agricultural resource?
2. What is human development?
3. What is the growth of population
4. Discuss the water conservation.
5. What is the impacts of population growth of West Bengal.

Category C: (Marks- 2)

1. Mention briefly the physiographic divisions of West Bengal.
2. What are the sources of water resource of West Bengal?
3. Write a short note on Mining Industry of West Bengal.
4. Classify West Bengal according to the population density.
5. What are the 3 Ts of West Bengal?
6. Why should the reserve forest of Sundarban be protected?

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