1. Give two example of metallic minerals.  
2. Explain the meaning of Water Divide with example.  
3. What is hydrology?  
4. What is a Caldera?  
5. What do you mean by Inversion of Temperature?  
6. Mention any two direct source of information about interior of the earth.  
7. What is a Biome?  
8. Give two example of jovian planets.  
9. What is the total length of the coastline of Indian main land. Mention any two advantages of India having a long coast line.  
10. What do you understand by bio geo chemical cycle? Draw a diagram showing the structure of an ecosystem.  
11. Describe the three horizon of a soil profile.  
12. Classify the threatened species of plants and animals for the purpose of conservation as given by IUCN.  
13. What are the elements of weather and climate? Why is troposphere the most important of all the layers of the atmosphere?  
14. Differentiate between Dendritic and Trellis drainage system.  
15. Discuss the three stages in the evolution of present atmosphere.
16. Name an instrument that records the seismic waves reaching on the surface. What are the two basic type of earth quake waves? 1+2=3

17. Describe the concept of continental Drift Theory given by Alfred Wegener. 3

18. Give a location and extent of Northern Plain of India. Classify the Northern plain into three zone. 2+3=5

19. Define the term ‘Isotherms’. Discuss any four factors that influence the temperature of air at any place. 1+4=5

20. Write an explanatory note on the Big Bang Theory? 5

21. What are the two approaches in study of Geography? Discuss each of them. 5

22. Define the term rock. Classify the rocks in to major group on the basis of mode of formation with at least one example of type of rock in each. 1+4=5

23. On an outline political map of India mark and label the features given below.
   a) North-East State (any one) 5x1=5
   b) Chhota Nagpur plateau
   c) Krishna River
   e) Black soil area in Gujarat
   d) Highest peak of Himalaya

24. Five features are marked on an outline map of the world. Identify them with the help of given key and write the correct name of each on a given space. 5x1=5
   A) Second Smallest continent
   B) A hot spot center
   C) A minor Plate
   D) An Ocean
   E) A major Plate
Outline Map of India (Political)
भारत का रेख-मानचित्र (राजनीतिक)
1. Give two example of terrestrial planets .  
2. What is a Biome ?  
3. Mention any two direct source of information about interior of the earth.  
4. What do you mean by Inversion of Temperature ?  
5. What is pedology ?  
6. What is a collapse earth quake ?  
7. Explain the meaning of Water Divide with example.  
8. Give two example of non metallic minerals.  
9. What are the elements of weather and climate ? Why is troposphere the most important of all the layers of the atmosphere ?  
10. Give a brief account of origin of Moon, an only natural satellite of the earth.  
11. What is the total length of the coastline of Indian main land. Mention any two advantages of India having a long coast line.  
12. What do you understand by bio geo chemical cycle ? Draw a diagram showing the structure of an ecosystem.  
13. Write any four salient features of laterite soil. Generally where are they found in India.  
14. Classify the threatened species of plants and animals for the purpose of conservation as given by IUCN.
15. Name an instrument that records the seismic waves reaching on the surface. What are the two basic type of earth quake waves? 1+2=3
16. Describe the concept of continental Drift Theory given by Alfred Wegener. 3
17. Differentiate between Himalayan and Peninsular drainage system. 3
18. Define the term rock. Classify the rocks in to major group on the basis of mode of formation with at least one example of type of rock in each. 1+4=5
19. Discuss the processes through which the earth-atmosphere system maintains heat balance with neat and well labeled diagram of same. 5
20. Give a location and extent of Northern Plain of India. Classify the Northern plain into three zone. 2+3=5
21. What are the two approaches in study of Geography? Discuss each of them. 5
22. Write an explanatory note on the Big Bang Theory? 5

23. On an outline political map of India mark and label the features given below. 5x1=5
   a) North-East State (any one)
   b) The Great Indian Desert
   c) Godavari River
   e) Black soil area in Gujarat
   d) Highest peak of Himalaya

24. Five features are shown on the outline map of the world. Identify these with the help of given key and write their name on a given line in the map. 5x1=5
   A) Second Smallest continent
   B) A hot spot center
   C) A minor Plate
   D) An Ocean
   E) A major Plate