Question bank

GEOGRAPHY

Chapter-4 Mineral and power resources

QUESTIONS

1. What are minerals?
2. How are minerals classified?
3. Give examples of metallic minerals.
4. Provide examples of non-metallic minerals.
5. Explain the difference between metallic and non-metallic minerals.
6. What is the process of extracting minerals from the Earth's crust called?
7. Name two methods used for the extraction of minerals.
8. Describe the process of surface mining.
9. How is underground mining different from surface mining?
10. What are the environmental impacts of mineral extraction?
11. What factors determine the distribution of minerals?
12. Name three mineral-rich regions in India.
13. Explain why certain regions are known for specific types of minerals.
14. How does transportation infrastructure impact the distribution of minerals?
15. Why is the distribution of minerals uneven across the world?
16. Why are minerals important for human society?
17. Give examples of everyday products made from minerals.
18. How are metallic minerals used in industries?
19. What role do non-metallic minerals play in construction?
20. Discuss the importance of minerals in technology and innovation.
21. Why is it important to conserve minerals?
22. Name two ways to conserve minerals.
23. How can recycling help in the conservation of minerals?
24. Discuss the concept of sustainable mining.
25. What are the challenges faced in mineral conservation?
26. What are power resources?
27. Differentiate between renewable and non-renewable power resources.
28. Name two conventional sources of energy.
29. Provide examples of non-conventional sources of energy.
30. How is power resources classified based on their origin?
31. What are conventional sources of energy derived from?
32. Give examples of conventional sources of energy.
33. Describe the process of power generation from coal.
34. How is hydroelectricity produced?
35. What are the environmental impacts of conventional sources of energy?

36. Define non-conventional sources of energy.
37. Provide examples of non-conventional sources of energy.
38. What is tidal energy?
39. How is biogas produced?
40. What are the advantages of non-conventional sources of energy?
41. Explain how tidal energy is harnessed.
42. Where is tidal energy predominantly used?
43. What are the environmental benefits of tidal energy
44. Discuss the challenges associated with tidal energy generation.
45. How does tidal energy contribute to renewable energy production?
46. What is biogas?
47. How is biogas produced?
48. Name two sources of biogas.
49. What are the uses of biogas?
50. Discuss the environmental benefits of biogas