

Chapter – 9
MINERAL AND POWER RESOURCES

I. Questions are to be answered in one sentence**(1 mark)**

1. Mining belongs to which type of human economic activity. (K)
2. Give an example for ferrous mineral. (K)
3. Give an example for Non-ferrous mineral. (K)
4. Give an example for mineral fuels. (K)
5. Give an example for Non-fuel minerals. (K)
6. Name the high grade iron ore. (K)
7. What is the low grade iron ore? (K)
8. Which type of Iron ore has magnetic property? (K)
9. Which type of Iron ore, has contains more lime? (K)
10. Which state is the leading producer of Iron ore in India? (K)
11. Where does India stands in the production of Iron ore in the World? (K)
12. Name the places which have Iron ore reserves in Karnataka. (K)
13. Name the metal which is made of bauxite (K)
14. What is “Wonder metal of 20th century”? (K)
15. Name the state of India stands first both in reserves and the production of Bauxite? (K)
16. What is the India’s rank of Bauxite production in world? (K)
17. What is the important Ferro-alloy mineral? (K)
18. Which alloy is largely used in steel production? (K)
19. What is the mineral that is called the “Jack of all Trades”? (K)
20. Which state of India has the highest manganese deposits? (K)
21. Which state is the leading producer of manganese in India? (K)
22. What is the fullform of KGF? (K)
23. Which state is the largest producer of gold in India? (K)
24. Hatti gold fields is in which Indian State? (K)
25. When was the mining work of Kolar gold field started? (K)
26. Give an example for conventional power resources. (K)
27. Give an example for non conventional power resources. (K)
28. Which mineral is known as ‘Black Diamond’? (K)
29. Which is the best grade of coal? (K)
30. What is the low grade variety of coal? (K)
31. Which state occupies first place in the production of coal in India? (K)
32. What is Jharia famous for? (K)
33. What is the famous coal field of West Bengal? (K)
34. What is Talcher famous for? (K)
35. What is the position of India interms of coal production ? (K)
36. In which state the Singrouli coal field is situated? (K)
37. What is the type of coal most abundant in India? (K)
38. Name the state which is the largest producer of coal in India? (K)
39. Name the important coal producing areas of Odisha. (K)
40. What is “Crude Oil”? (K)
41. What is known as ‘Liquid Gold’? (K)

42. Give the Full form of - ONGC. (K)
43. When was ONGC organization constituted? (K)
44. When did the OIL organization form? (K)
45. Where is Numaligarh oil refinery is situated ? (K)
46. Which is the type of electricity known as “White Coal”? (K)
47. Where was the first hydro - electric power plant installed in India? (K)
48. Where is Naga Jhari hydro electric power station located? (K)
49. Where are the Bhimkud and Regali hydel power stations located? (K)
50. Which state is the largest producer of thermal electricity in India ? (K)
51. What is the first nuclear power plant in India? (K)
52. Define “Atomic energy”. (K)
53. What is solar energy? (K)
54. What is Kaiga famous for? (K)
55. Where is Kaiga nuclear plant is situated ? (K)
56. What is the Full form of LNG? (K)
57. What is supposed to be the fuel of “21st century”? (K)
58. Give the Full form of NTPCL. (K)
59. What is Bio-gas? (K)
60. Name the organization which has been formed for development of bio-gas in India? (K)
61. What is Geo-Thermal power? (K)
62. What is Tidal power? (K)
63. Define non conventional power resources. (K)
64. Which state has largest installed capacity of wind power in India? (K)
65. Name the state which is the largest producer of wind power in India. (K)

II. Questions are to be answered in 2-3 sentences

(2 marks)

1. Mention the two important characteristics of minerals. (U)
2. What are the main types of minerals? (U)
3. What are the types of metallic minerals? (U)
4. What are the uses of minerals? (U)
5. What are the types of Non-ferrous minerals? (U)
6. Mention any two of the Non-metallic Minerals. (U)
7. Which are the fuel minerals? (U)
8. What are the Non-fuel minerals? (U)
9. Mention the types of Iron ore (U)
10. What are the uses of Manganese? (U)
11. State the types of Manganese ore. (U)
12. What are the uses of Bauxite? (U)
13. Where do we find bauxite ore in Karnataka ? (K)
14. What are the uses of Gold? (U)
15. Name any two Gold producing states of India. (U)
16. Explain the importance of coal. (U)
17. What are the four major types of coal. (U)
18. What are the two important categories of coal field in India
19. Mention the by products of coal. (U)

20. In which river basins of India Gondwana coal reserves are largely found? (U)
21. What are the fossil fuels? (U)
22. What are the uses of petroleum? (U)
23. Why do we call petroleum as 'Liquid Gold'? (U)
24. Name the oil fields of east coast of India. (U)
25. What are the by- products of petroleum? (U)
26. Name the oil refinery centers of Gujarat. (U)
27. What are the two words constituting the term 'Petroleum' ? (U)
28. Give examples for the Fossil Fuels. (U)
29. What are the uses of natural gas ? (U)
30. The Hydro - electricity is known as 'White coal'. Why? (U)
31. Mention any four factors necessary for the development of Hydro-electricity. (U)
32. Mention the factors necessary for the producing thermal electricity (U)
33. Which are the Thermal power stations of Karnataka? (U)
34. Name the non-conventional power resources? (U)
35. Explain the importance of solar energy (U)
36. Write the need of non-conventional energy sources in India. (U)
37. What are the methods of using solar energy? (U)
38. What are the centers of wind power in Karnataka? (U)
39. Mention the states where the wind farms are installed in India (U)
40. How is the Bio-gas energy suitable for rural areas? (U)
41. Which gases are found in Bio gas? (U)
42. Which are the minerals essential for the production of Atomic energy? (U)
43. What is the name of Nuclear power station in Karnataka? In which district it is? (U)

III. Questions are to be answered in 25-30 sentences

(5 marks)

1. Explain the uses and distribution of manganese ore in India. (U)
2. Describe the distribution and production of Bauxite ore in India. (U)
3. Explain the distribution of gold in India. (U)
4. Describe the distribution of coal in India? (U)
5. Explain the importance and distribution of petroleum in India. (U)
6. Write a note on the natural gas in India. (U)
7. Give an account of the distribution of Hydro electricity in India. (U)
8. Explain the thermal electricity in India. (U)
9. Write a brief note on Nuclear power stations in India. (U)
10. Give an account of solar energy in India. (U)
11. Give a brief account of in India wind power and Bio-gas in India. (U)

IV. Answer the following questions

(10 marks)

1. Explain the types, distribution and production of Iron ore in India. (U)
2. Describe the importance, distribution, production and trade of manganese in India. (U)
3. Explain the types, importance, distribution and production of coal in India. (U)
4. Explain the non-conventional energy sources in India (U)
5. Give an account of the development, potential and distribution of Hydro-electricity in India. (U)
6. Explain the conservation and management of mineral and power resources. (U)