

CLASS X GUESS PAPER SOCIAL SCIENCE

GEOGRAPHY

Minerals and Energy Resources

Marks-1

1. Which mineral is formed by decomposition of rocks, leaving a residual mass of weathered material?
2. Koderma, in Jharkhand is the leading producer of which mineral?
3. Minerals are deposited and accumulated in the stratas of which rock?
4. Which mineral is contained in the Monazite sand?
5. How does metals formed?
6. What are the three Abrasive minerals?
7. Which mineral is used to reduce cavities?
8. From where fluoride comes from?
9. From where titanium oxide, comes from?
10. Why does some tooth paste white in colour?
11. Name the mineral used to produce toothbrush and tube ?
12. What is the mineral intake from the total intake of nutrients?
13. What are minerals?
14. Name a stone which contain single mineral only.
15. How many minerals already identified?
16. Name a hardest and softest mineral
17. How does minerals formed?

18. How does Geologist classify minerals?
19. Who are Geologist?
20. Who are Geographers?
21. How can minerals classify according to their commercial purpose?
22. What is an Ore?. Give an example
23. Name two rocks in which minerals may occur in the cracks, crevices, faults or joints?
24. What are Veins and lodes?
25. Name three minerals obtained in Sedimentary rocks.
26. Name the rock number of minerals occur in beds and layers
27. Name two minerals formed as a result of deposition, accumulation and concentration in horizontal strata.
28. Name two minerals formed as a result of long periods under great heat and pressure.
29. Name two Sedimentary minerals
30. Name two minerals formed as a result of evaporation
31. Name two minerals formed in arid region
32. What are metallic minerals? Give two examples
33. What are Non metallic minerals? Give two examples
34. What are Energy minerals? Give two examples
35. Name a mineral formation involves the decomposition of surface rocks
36. Name a mineral formed due to removal of soluble constituents, leaving a residual mass of weathered material
37. Name four mineral formed due to placer deposits
38. What are the three features of minerals which are found in placer deposits
39. Name two minerals found in Ocean water
40. Name a mineral found in Ocean beds.

41. What is Rat hole Mining?
42. Name a state where rat hole mining is common?
43. Name two minerals extracted through rat hole mining?
44. Name the regions where rat hole mining is common.
45. Name the rock contain most of the reserves of coal, metallic minerals and mica.
46. Name three minerals derived from peninsular rocks
47. In which rocks peninsular mineral reserves found?
48. Name the state where found most of the non ferrous minerals
49. What are the two factors for the minerals deposits or reserves turns into a mine?
50. What are the percentage of ferrous minerals found in India out of total minerals?
51. Name the mineral is known as the basic mineral and the backbone of industrial development. India .
52. Which is known as finest iron ore?
53. Write a feature of finest mineral.
54. Name the mineral is the most important industrial use?
55. Name the iron ore found in the Badampahar mines
56. Name the mineral found in Signbhum district of Jharkhand?
57. Name the mine from where iron ore is exported to Japan and South Korea
58. Name the mine is located in Western Ghats of Karnataka
59. Name an iron ore mine in Karnataka known as the largest in the world?
60. Name the mine from where iron ore is exported in slurry through a pipeline to New Mangalore port.
61. How many percentage of manganese required for producing 1000Kg of steel.
62. Name the state of the largest producer of Manganese.
63. What is the main uses of copper?
64. Name an aluminum Ore

- 65.Name a clay like substance that alumina and later aluminum is obtained?
- 66.How does Bauxite deposits are formed?
- 67.Name two regions from where Bauxite deposits are found
- 68.How many percentage of Bauxite produces in Odhisa?
- 69.Which state in India produces largest bauxite in India?
- 70.Name the region where is the largest producer of Bauxite in Odhisa.
- 71.Name an Emporer wore buttons and hooks on his clothes made of aluminum?
- 72Name the mineral made up of a series of plates or leaves.
- 73.Name the mineral which splits easily into thin sheets
- 74.Which is known as killer industry?
- 75.Which mineral is found in association with rocks composed of calcium carbonate?
- 76.Name the mineral is found in the Sedimentary rocks?
- 77.Which is the basic raw material for cement industries?
- 78.What are the two essential to prevent mining from becoming a “killer industry” .?
- 79.How can be Energy generated
- 80.Give two examples of conventional source of energy
81. Give two examples of Non conventional source of energy.
- 82.Which is the most abundantly available fossil fuel.
- 83.Which is a low grade brown coal,
- 84.What is Metallurgical coal ?
- 85.Name a high grade bituminous coal
- 86.Which is the highest quality hard coal.
- 87.In India coal occurs in rock series of two main geological ages? Name them
- 88.What is Gondwana Coal?

89. What is Tertiary coal?
90. Which is the next major energy source in India after coal.
91. Which is known act as a “nodal industry” for synthetic textile, fertiliser and numerous chemical industries.
92. Why Petroleum refineries are known as a “nodal industry”
93. Name a oil bearing layer of stones
94. Which fossil fuel found in fault traps between porous and non-porous rocks?
95. How many percentage of petroleum produces from Assam and Gujarat?
96. Which is the most important oil field of Gujarat?
97. Which is the oldest oil producing state of India
98. Why does Naharkatiya and Moran-Hugrijan famous for?
99. Which is an important clean energy resource?
100. Which is known as the fuel for the present century?
101. Which is an industrial raw material in the petrochemical industry.
102. Why is natural gas considered an environment friendly fuel?
103. What is the length of HVJ Pipe line?
104. Which fuel for vehicles to replace liquid fuels is gaining wide popularity in the country?
105. How does Hydro electricity is generated?
106. How Thermal electricity is generated?
107. How many thermal power plants in India.
108. Which sands of Kerala is also rich in Thorium?
109. Name two atomic minerals
110. Which technology converts sunlight directly into electricity?
111. Which energy is fast becoming popular in rural and remote areas?
112. Where is the largest wind farm cluster is located in India?

113. What are used to produce biogas for domestic consumption in rural areas?

114. What is known as 'Gobar gas plants' in rural India.

115. What are the twin benefits of Gobar Gas to the farmer?

116. Which are known as the twin planks of sustainable energy

Marks-3

1. Ferrous and non-ferrous minerals

2. Conventional and non-conventional sources of energy.

3. What is a mineral?

4. How are minerals formed in igneous and metamorphic rocks?

5. Why do we need to conserve mineral resources?

6. Distinguish between Geologist and Geographers?

7. What are the three factors influencing the mining of a minerals?

8. What are the three factors makes its extraction of minerals commercially viable?

9. Distinguish between Ferrous and Nonferrous minerals

10. What are placer deposits? Write two features

11. What are the three factors affecting the formations of minerals?

12. Distinguish between Magnetite and Hematite.

13. Name four iron ore exporting port in India

14. What are the three uses of Manganese?

15. What are the three uses of non ferrous metals

16. What are the three properties of copper?

17. What are the three copper mine in India?

18. Why aluminum is called an impotent metal? Give three reasons

19. What are the three features of mica?
20. What are the three mica mine in India
21. Why mining is called killer industry? Give three reasons
22. What are the three impact of mining?
23. What are the three uses of limestone?
9. What are the three steps for conservation of mineral resource?
10. What is the need of conservation of mineral resources
11. How can be Energy resources classified ?
12. Explain the formation of coal
13. How does tertiary coal occur?
14. What are the three uses of petroleum?
15. "Electricity is generated mainly in two ways" Explain
16. Name three Hydro Eclectic Project in India
17. How does Nuclear or Atomic Energy is obtained?
18. Name any three wind mill farm in India
19. Explain the three advantages of Bio gas in India
20. What is Geo thermal energy? Name two experimental geo thermal projects in India
21. What are the three steps for Conservation of Energy Resources
22. "Energy saved is energy produced". Explain

Marks-5

1. Describe the distribution of coal in India.
2. Why do you think that solar energy has a bright future in India?
- 3 "Minerals are an indispensable part of our lives" Explain
4. How can minerals classify according to their commercial purpose? Explain.

5. Explain the mode of occurrence of minerals.
6. Explain the classification of mineral. Explain four iron Ore belt in India
7. Distinguish between conventional and non conventional source of energy.
8. What are the four type of Coal found in India? Explain
9. Explain the occurrences of petroleum
10. Explain the natural gas distribution in India
11. Distinguish between conventional and non-conventional energy sources.
12. How tidal energy is produced .Mention any three tidal energy producing in India

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