

EXERCISE

A. Very Short Answer Type Questions

- Q.1 What are minerals ?
- Q.2 What are ores ?
- Q.3 What are ferrous minerals ?
- Q.4 What are non ferrous minerals ?
- Q.5 Name any two carrier rocks of minerals ?
- Q.6 What are veins ?
- Q.7 What are lodes ?
- Q.8 What are placer deposits ?
- Q.9 Why is copper used in the electrical and electronic industry ?
- Q.10 What is the economic importance of magnetite ?
- Q.11 How can the energy resources be classified ?
- Q.12 What is H.B.J. ?
- Q.13 Name the important oil fields of Assam & Gujarat.
- Q.14 How is nuclear energy Obtained ?
- Q.15 How is **bauxite** ore formed ?
- Q.16 What are conventional resources of energy ?
- Q.17 What are non conventional resources of energy ?
- Q.18 Name the minerals which are used to generate atomic or nuclear energy ?
- Q.19 What is biogas ?
- Q.20 What is the importance of petroleum refineries ?
- Q.21 Name any two minerals which are obtained from veins and lodes.
- Q.22 Name the rocks in which coal is formed.
- Q.23 Name some minerals which are obtained from the places deposits.
- Q.24 Name an iron ore mine which is a 100%, export unit.
- Q.25 Which is the finest iron ore ?

- Q.26 Name any 2 projects which have been set up in India to harness the geothermal energy.
- Q.27 Name any 2 minerals derived from ocean water.
- Q.28 Name the ore of aluminium.
- Q.29 Which is the hardest quality of hard coal?
- Q.30 Name the minerals which are the producers of uranium and thorium.

B. Short Answer Type Questions

- Q.1 Distinguish between the following -
(A) Ores and minerals
(B) Ferrous and non-ferrous minerals
(C) Conventional and non conventional sources of energy
(D) Thermal and Hydro power
- Q.2 What is the importance of the energy resources for an economy ?
- Q.3 Why do you think that solar energy has a bright future in India ?
- Q.4 What role does power play in the industrialisation of our country ?
- Q.5 What are the four types of coal ? Write one feature of each ?
- Q.6 What is the utility of manganese ? Describe its distribution ?
- Q.7 What is the importance of minerals ?
- Q.8 What are the uses of copper ? Describe its distribution ?
- Q.9 How do minerals occur in sedimentary rocks ?
- Q.10 What are the uses of aluminium ?
- Q.11 What are the major properties of mica ?
- Q.12 Explain the importance of coal as energy resources.
- Q.13 What are the uses of petroleum ? Explain the formation.
- Q.14 Minerals are indispensable part of our lives. Explain the statements by giving four examples.

Q.15 How are minerals formed in alluvial deposits ?

C. Long Answer Type Questions

- Q.1** Explain the development of non conventional sources of energy in India.
- Q.2** What are conventional sources of energy ? Why is water, as a source of energy, more important than coal and petroleum ? Explain.
- Q.3** Describe any six measures for efficient use of energy ?
- Q.4** Describe the distribution of coal in India.
- Q.5** Describe the measures to conserve minerals resources.
- Q.6** 'Minerals in India are unevenly distributed'. Explain.
- Q.7** Why is there need to conserve minerals ?
- Q.8** "India is rich in mineral resources". Justify the statement by giving four examples.
- Q.9** Describe the importance of Coal as a source of energy.
- Q.10** Explain the distribution of copper in India.
- Q.11** Explain the distribution of Iron ore in India.
- Q.12** Explain the various forms in which minerals occur.
- Q.13** Explain the classification of minerals.
- Q.14** Why do you think that solar energy has a bright future in India.
- Q.15** In a power deficient country like India, Natural gas is a precious gift. Discuss.

D. Multiple Choice Questions

- Q.1** Kundremukh is an important Iron ore mine of -
(A) Kerala (B) Madhya Pradesh
(C) Karnataka (D) Andhra Pradesh
- Q.2** Khetri mines in Rajasthan are famous for -
(A) Iron-ore (B) Mica
(C) Copper (D) Lime stone
- Q.3** Neyveli lignite mines are located at -
(A) Karnataka (B) Tamil Nadu
(C) Orissa (D) Rajasthan
- Q.4** The largest solar power plant is located at -
(A) Ahmedabad (B) Madhopur
(C) Thar desert (D) Bhopal
- Q.5** Kakrapar nuclear power station is located in the states of -
(A) Maharashtra (B) Andhra Pradesh
(C) Gujarat (D) Karnataka
- Q.6** The Rihand of India is -
(A) Godavari valley (B) Damodar valley
(C) Ganga valley (D) None of the above
- Q.7** Koderma is the leading producer of -
(A) Bauxite (B) Mica
(C) Iron ore (D) Copper
- Q.8** Which mineral is contained in the Monazite sand ?
(A) Oil (B) Uranium
(C) Thorium (D) Coal
- Q.9** Name the rocks in which coal is formed -
(A) Igneous (B) Sedimentary
(C) Metamorphic (D) None of these
- Q.10** Which is the finest iron ore ?
(A) Magnetite (B) Haematite
(C) Both of these (D) None of these
- Q.11** Name an iron ore mine which is a 100 % export unit -
(A) Kudremukh (B) Mayurbhanj
(C) Bastar (D) Ratnagiri
- Q.12** Two importers of iron ore in India -
(A) China & Japan (B) U.K. & South Korea
(C) U.K. & U.S.A. (D) Japan & South Korea
- Q.13** Balaghat mines of Madhya Pradesh are famous for -
(A) Zinc (B) Iron-ore
(C) Mica (D) Copper

- Q.14** Which mineral is used as the basic raw material for the cement industry -
 (A) Lime stone (B) Copper
 (C) Manganese (D) None of these
- Q.15** Which is the most important energy resource of India -
 (A) Petroleum (B) Natural gas
 (C) Coal (D) Hydro power
- Q.16** Which is the most popular coal for commercial use -
 (A) Lignite (B) Peat
 (C) Bituminous (D) Anthracite
- Q.17** Which is the highest quality hard coal ?
 (A) Lignite (B) Peat
 (C) Anthracite (D) Bituminous
- Q.18** Name the technology which converts sunlight directly into electricity ?
 (A) Photo voltaic
 (B) Turbine
 (C) Both of these
 (D) None of these
- Q.19** Major solar power plant of Haryana is -
 (A) Gurgaon (B) Sarai Saadi
 (C) Madhopur (D) Kalyanpur
- Q.20** The nuclear energy contributes % of our total power generation -
 (A) 2.7 (B) 2.8
 (C) 2.9 (D) 3.0
- Q.21** The major resources of Gondwana coal are located in
 (A) Ganga valley
 (B) Brahmaputra valley
 (C) Damodar valley
 (D) Indus valley
- Q.22** Tertiary coal fields of India lie in
 (A) North-Eastern states
 (B) South-Eastern states
 (C) North-Western states
 (D) North-Southern states]
- Q.23** "It is an important clean energy resources found in association with or without petroleum." Identify the energy resources –
 (A) Natural gas
 (B) Hydroelectricity
 (C) Atomic-electricity
 (D) Solar
- Q.24** HBJ gas pipeline links.....and.....
 (A) Mumbai high, Bassien
 (B) Mumbai high, Gujarat
 (C) Mumbai high, Kolkata
 (D) Ankleshwar, Jalandhar
- Q.25** Which of the following states has wind farm cluster ?
 (A) Punjab
 (B) Rajasthan
 (C) Tamil Nadu
 (D) Assam

ANSWER KEY

Q.No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	C	C	B	B	C	B	B	C	B	A	A	D	D	A	C	C	D	A	A	C
Q.No	21	22	23	24	25															
Ans.	C	A	A	A	C															