



INDIAN SCHOOL AL WADI AL KABIR

Class: X	Department: Social Science	Sub: Geography
Chapter-5 Work Sheet: No.3	Topic: Minerals and Energy Resources	Year: 2024 -25

A	MULTIPLE CHOICE QUESTIONS:-
1	Which of the following is the basic mineral and the backbone of industrial development? (a) Zinc ore (b) Silver ore (c) Iron ore (d) Manganese ore
2	Which one of the following minerals is contained in the Monazite sand? (a) Oil (b) Uranium (c) Thorium (d) Coal
3	Which of the following mineral is mined at Balaghat mines? (a) Manganese (b) Aluminium (c) Copper (d) Limestone
4	Which one of the following is a non- metallic mineral? (a) Lead (b) Copper (c) Tin (d) Limestone
5	Kakrapar nuclear power station is located in the state of (a) Maharashtra (b) Andhra Pradesh (c) Karnataka (d) Gujarat
6	Koderma, in Jharkhand is the leading producer of which minerals? (a) Bauxite (b) Mica (c) Iron Ore (d) Copper
7	Which one of the following is a conventional source of source of energy? (a) Geo thermal (b) Coal (c) Solar (d) Tidal

8	Which one of the following states has the largest wind farm cluster? (a) Kerala (b) Gujarat (c) Rajasthan (d) Tamil Nadu
9	Minerals are deposited and accumulated in stratas in which rocks? (a) Sedimentary rocks (b) Igneous rocks (c) Metamorphic rocks (d) None of the above
10	Which one of the following varieties of coal is known as the Brown coal? (a) Bituminous (b) Anthracite (c) Lignite (d) Peat
B	Assertion/Reason Questions:- There are two statements marked as Assertion (A) and Reason (R) . Mark your answer as per the choice provided below:
1	Assertion(A): Mica is a non-metallic mineral. Reason(R): Mica mineral is the basic raw material for cement industry. A. If both assertion and reason are true and reason is the correct explanation of assertion. B. If both assertion and reason are true but reason is not the correct explanation of assertion. C. A is true but R is false. D. If assertion is false and reason is true.
2	Assertion(A): Conservation of Energy Resources is essential. Reason(R): Energy is a basic requirement for the economic development. A. Both A and R are true and R is the correct explanation of A. B. Both assertion and reason are true but reason is not the correct explanation of assertion. C. Assertion is true but reason is false. D. Assertion is false and reason is true.
3	Assertion(A): Thermal power stations are located on or near the coalfields. Reason (R): Coal is a bulky material, which loses weight on use as it is reduced to ash. Hence heavy industries and thermal power stations are located on or near the coalfields. A. Both A and R are true and R is the correct explanation of A. B. Both assertion and reason are true but reason is not the correct explanation of assertion. C. Assertion is true but reason is false. D. Assertion is false and reason is true.
C	Read the extract and answer the questions that follows:- We all appreciate the strong dependence of industry and agriculture upon mineral deposits and the substances manufactured from them. The total volume of workable mineral deposits is an insignificant fraction i.e. one per cent of the earth's crust. We are rapidly consuming mineral resources that required millions of years to be created and concentrated. The geological

processes of mineral formation are so slow that the rates of replenishment are infinitely small in comparison to the present rates of consumption. Mineral resources are, therefore, finite and non-renewable. Rich mineral deposits are our country's extremely valuable but short-lived possessions. Continued extraction of ores leads to increasing costs as mineral extraction comes from greater depths along with decrease in quality.

(i) What is a Rock?

Ans. Rock is a combination of two or more minerals. E.g. Granite, Marble etc.

(ii) Define: 'Ore'

Ans. The ore is a mineral from which an element can be extracted economically.

(iii) What are energy resources? How can you conserve the energy resources?

Ans. The resources which are used to produce energy/electricity are known as energy resources.

Measures to conserve our energy resources are: -

1. Using public transport system instead of individual vehicles.
2. Switching-off electricity when not in use.
3. Using power-saving devices.
4. Using non-conventional sources of energy.

D MAP SKILL-BASED QUESTION:-

On the given outline map of India, locate and label any 3 of the following with suitable symbols.

- i. Ramagundam thermal power plant
- ii. Narora nuclear power plant
- iii. Namrup thermal power plant
- iv. Kalpakkam nuclear power plant