

## Mineral and Power Resources

Question 1.

A naturally occurring substance that has a definite chemical composition is a

- (a) ore
- (b) rock
- (c) mineral
- (d) copper

▼ [Answer](#)

Answer: (c) mineral

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Question 2.

Rock from which mineral are mined are known as

- (a) metallic mineral
- (b) limestone
- (c) mineral
- (d) ore

▼ [Answer](#)

Answer: (d) ore

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Question 3.

Deep wells bored to take the petroleum and natural gas out is called

- (a) quarrying
- (b) drilling
- (c) mining
- (d) shaft mining

▼ [Answer](#)

Answer: (b) drilling

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Question 4.

Which among the following is the leading producer of iron-ore in the world?

- (a) Europe
- (b) Asia
- (c) Antarctica
- (d) North America

▼ [Answer](#)

Answer: (a) Europe

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Question 5.

Which is the rarest diamond on this earth?

- (a) Black diamond
- (b) Blue diamond
- (c) Red diamond
- (d) Green diamond

▼ [Answer](#)

Answer: (d) Green diamond

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Question 6.

What are the ways to conserve minerals is?

- (a) Recycling of minerals
- (b) Reducing waste in the process of mining
- (c) Both a and b
- (d) None of these

▼ [Answer](#)

Answer: (c) Both a and b

One of the ways to conserve minerals is recycling of minerals and reducing waste in the process of mining.

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Question 7.

What is the appropriate source of energy for coastal area?

- (a) Tidal energy
- (b) Solar energy
- (c) Biogas
- (d) Wind energy

▼ [Answer](#)

Answer: (a) Tidal energy

Energy generated from tides is called tidal energy. Tidal energy can be harnessed by building dams at narrow openings of the sea.

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Question 8.

What is the name of the mineral that is extracted from Bauxite?

- (a) Silver
- (b) Manganese
- (c) Aluminium
- (d) Copper

▼ [Answer](#)

Answer: (c) Aluminium

Aluminium is the name of the mineral that is extracted from Bauxite.

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Question 9.

Which one of the following is a leading producer of copper in the world?

- (a) Bolivia
- (b) Ghana
- (c) Chile
- (d) Zimbabwe

▼ [Answer](#)

Answer: (c) Chile

Chile and Peru are leading producers of copper. In India it is mainly produced in Rajasthan, Madhya Pradesh, Jharkhand, Karnataka and Andhra Pradesh.

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Question 10.

Which one of the following is not a characteristic of minerals?

- (a) They are created by natural processes.
- (b) They have a definite chemical composition.
- (c) They are inexhaustible.
- (d) Their distribution is uneven.

▼ [Answer](#)

Answer: (c) They are inexhaustible.

A naturally occurring substance that has a definite chemical composition is a mineral. They are created by natural processes. They have a definite chemical composition. Minerals are not evenly distributed over space.

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Question 11.

What are the major types of power resources?

- (a) Conventional resources
- (b) Non-conventional resources
- (c) Both a and b
- (d) None of these

▼ Answer

Answer: (c) Both a and b

Major Types of power resources are: (i) Conventional resources (ii) Non-conventional resources.

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Question 12.

What is 'Black gold'?

- (a) Coal
- (b) Mica
- (c) Petrol
- (d) None of these

▼ Answer

Answer: (a) Coal

Coal is known as the black gold due to its black appearance and great value as a fuel in industries and domestic purpose.

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Question 13.

What are the fossil fuels?

- (a) Fuels used for domestic purpose
- (b) Fuel found in highly area
- (c) Created by buried organism
- (d) None of these

▼ Answer

Answer: (c) Created by buried organism

Fossil fuels are created due to the submergence of buried dead organisms in the earth for a long period of time. Fossil fuel such as coal, petroleum and natural gas are the main sources of conventional energy.

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Question 14.

What do you mean by conventional power resources?

- (a) Resource in use for a long period of time
- (b) Extensively used by the common people
- (c) Both a and b
- (d) None of these

▼ Answer

Answer: (c) Both a and b

Conventional power resources are those that are in use for a long period of time and are extensively used by the common people. Firewood and fossil fuels are the two main conventional energy sources.

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Question 15.

What are minerals?

- (a) Found freely in the nature
- (b) Have own chemical composition
- (c) Both a and b
- (d) None of these

▼ Answer

Answer: (c) Both a and b

Minerals are those substances that are found freely in the nature and have their own chemical composition.

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Write true (T) or false (F)

1. Wind energy is an exhaustible energy.

▼ Answer

Answer: False

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2. Nuclear power is obtained from energy stored in the nuclei of atom.

▼ Answer

Answer: True

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3. The increasing use of fossil fuels is leading to its shortage.

▼ Answer

Answer: True

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4. Coal is the lessest abundantly found fossil fuels.

▼ Answer

Answer: False

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5. Firewood and fossil fuels are the two main non-conventional sources of energy.

▼ Answer

Answer: False

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Match the following

1.

Column-I	Column-II
1. Petroleum	(a) Burned Sunshine
2. Coal	(b) Main sources of conventional energy
3. Fire wood and fossil fuels	(c) Rarest diamond
4. Minerals containing iron	(d) Black gold
5. Green Diamond	(e) Ferrous

▼ Answer

Answer:

Column-I	Column-II
1. Petroleum	(d) Black gold
2. Coal	(a) Burned Sunshine
3. Fire wood and fossil fuels	(b) Main sources of conventional energy
4. Minerals containing iron	(e) Ferrous
5. Green Diamond	(c) Rarest diamond

### Fill in the blanks

1. Minerals that lie at shallow depths are taken out by removing the surface layer, this is known as .....

▼ [Answer](#)

Answer: open cast mining

2. The mineral deposits in North America are located in ..... zones.

▼ [Answer](#)

Answer: three

3. .... is the largest producer of high grade iron-ore in the world

▼ [Answer](#)

Answer: Brazil

4. Minerals are a ..... resources.

▼ [Answer](#)

Answer: non-renewable

5. Petrol and its derivatives are called .....

▼ [Answer](#)

Answer: Black gold

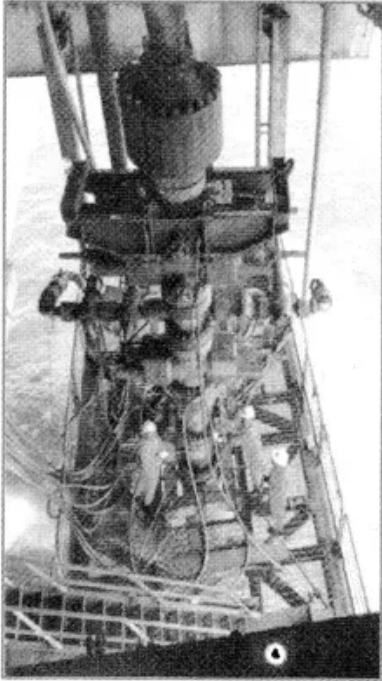
6. Heat obtained from the earth is called .....

▼ [Answer](#)

Answer: geothermal energy

### Picture Based Questions

1.



1. What is shown in the figure?

2. Define drilling.

▼ [Answer](#)

Answer:

1. This picture shows shore drilling of oil.

2. Deep wells bored to take petroleum and natural gas out is called drilling.

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### [Map Skills](#)

1. On an outline Map of the World mark the following:

(i) Countries of Asia with large iron deposits.

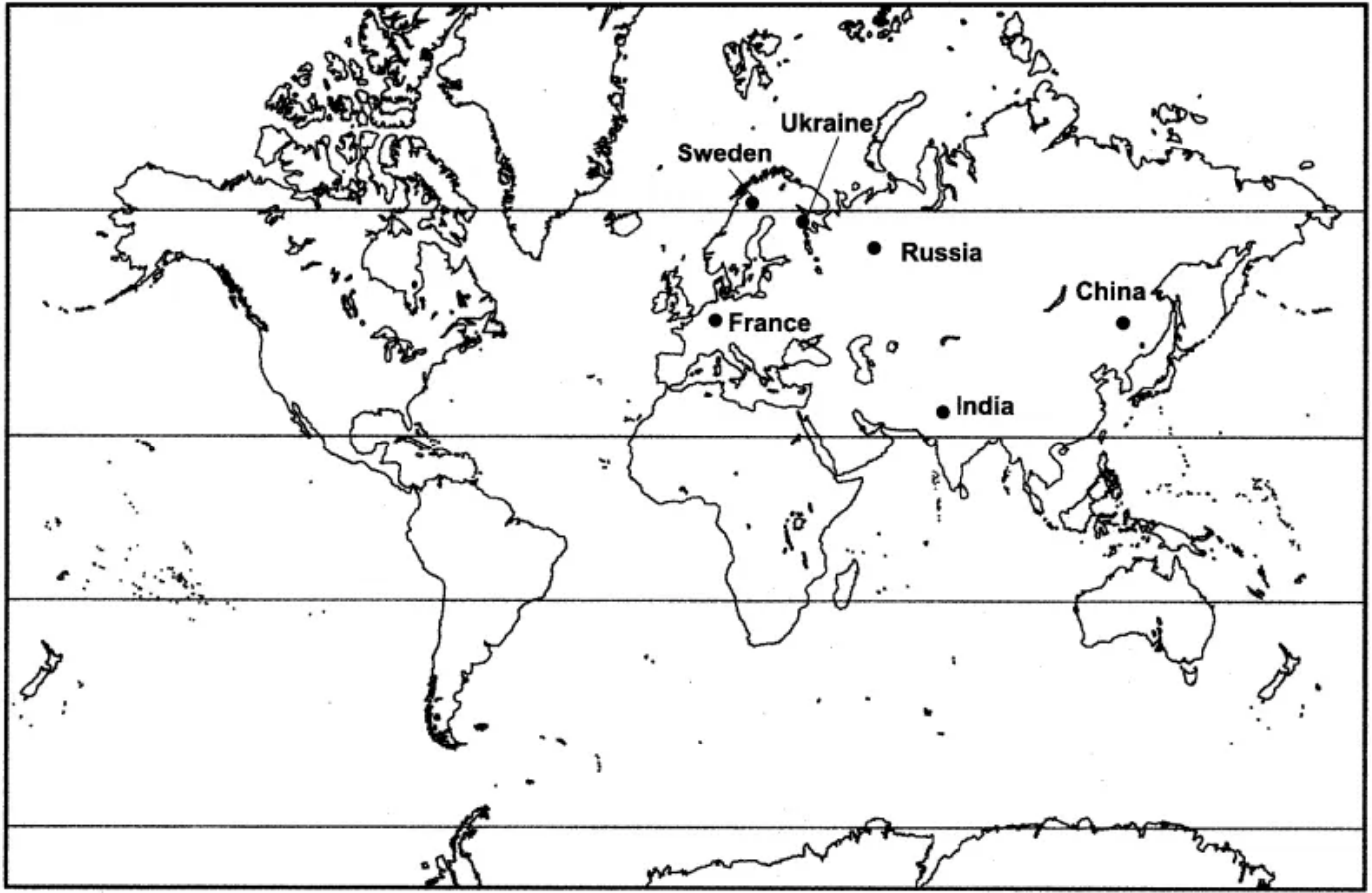
(ii) The countries in Europe that are leading producer of iron-ore in the world

▼ [Answer](#)

Answer:

(i) China and India

(ii) Russia, Sweden, Ukraine, France.



2.

On an outline Map of India mark the following.

- (i) Iron distribution in the states of India
- (ii) Major Bauxite producing states.

▼ [Answer](#)

Answer:

- (i) Madhya Pradesh, Goa, Maharashtra and Karnataka

(ii) Jharkhand, Odisha, Chhatisgarh, Madhya Pradesh, Gujarat, Maharashtra

