



BIOLOGY

BOOKS - NCERT EXEMPLAR

COAL AND PETROLEUM

Multiple Choice Questions

1. Various materials which are obtained from nature are called natural resources. Which of the following is not a natural resource?

A. minerals

B. water

C. soil

D. plastic

Answer: D



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2. Air is a natural resource and cannot be exhausted by human activities. It is known as inexhaustible natural resource. Which of the

following is another inexhaustible natural resource?

A. coal

B. petroleum

C. sun-light

D. minerals

Answer: C



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3. Which of the following is a pair of exhaustible natural resources.

A. coal and oil

B. air and sun-light

C. water and petroleum

D. wild life and minerals

Answer: A



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4. Coal is processed in industries to get some useful products. Which of the following is not obtained from coal?

A. coke

B. coal tar

C. coal gas

D. CNG

Answer: D



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5. Exhaustible natural resources are:

A. unlimited in quantity.

B. limited in quantity

C. not dependent on nature

D. not exhausted by human activities.

Answer: B



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6. Fossil fuels are obtained from:

A. remains of non-living materials.

B. dead remains of insects only.

C. dead remains of birds only.

D. dead remains of living organisms.

Answer: D



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7. Coal is formed from the remains of

A. vegetation only

B. animals only

C. both vegetation and animals

D. neither vegetation nor animals

Answer: C



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8. Which substance is formed by the carbonisation of dead vegetation?.

A. coal

B. coke

C. coal gas

D. coal tar

Answer: A



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9. Naphthalene balls are obtained from coal tar and are used as

A. mosquito repellent

B. honey bee repellent

C. moth repellent

D. snake repellent

Answer: C



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10. Which of the following is not a constituent of petroleum?

A. paraffin wax

B. petrol

C. lubricating oil

D. coke

Answer: D



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11. Petroleum was formed from organisms

A. living on the land

B. living on the plants

C. living in the sea

D. living on the rocks

Answer: C



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12. Choose the correct statement from the following:

A. It is difficult to transport natural gas through pipes.

B. The disadvantage of natural gas is that it can not be used directly for burning in homes.

C. Natural gas is stored under high pressure as compressed natural gas.

D. Natural gas cannot be used for power generation.

Answer:



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Very Short Answer Questions

1. You are provided with a mixture of petroleum and water. Can you suggest a method to separate the two?



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2. What does CNG stand for and why is it considered to be a better fuel than petrol?



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3. Name the petroleum product used as fuel for stoves, lamps and jet aircrafts.



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4. Fill in the blanks in the following sentences.

Coal is one of the _____ used to cook food.



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5. Fill in the blanks in the following sentences.

When heated in air, coal burns and produces mainly _____ gas.



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6. Fill in the blanks in the following sentences.

Coal tar is a black, thick _____ with an _____ smell.



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7. Fill in the blanks in the following sentences.

Petroleum, _____ and _____ are fossil fuels.



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8. Fill in the blanks in the following sentences.

Forests and coal are _____ natural resources.



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9. The underlined words in the following sentences have been jumbled up. Write them in their correct form

Loca is obtained from mines.



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11. The underlined words in the following sentences have been jumbled up. Write them in their correct form

Umpetlore is a fossil fuel.



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12. The underlined words in the following sentences have been jumbled up. Write them in their correct form

Rineryfe is a place where various fractions of petroleum are separated.



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13. The underlined words in the following sentences have been jumbled up. Write them in their correct form

Keenrose is a fuel used in jet crafts.



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14. The underlined words in the following sentences have been jumbled up. Write them in their correct form

Nutsgilh is an example of inexhaustible natural resources



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15. Fill in the blanks.

The slow process of conversion of dead vegetation into coal is called_____.





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16. Fill in the blanks.

Coal and petroleum are formed from the dead remains of organisms and are known as _____.



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17. Fill in the blanks.

The black thick liquid with _____ smell is known as coal tar.



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18. Fill in the blanks.

During the processing of coal to get coke, coal tar and _____ are also obtained.

A. petroleum

B. coal gas

C. natural gas

D. none of the above

Answer: B



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19. Fill in the blanks.

The process of separating the various constituents of petroleum is known as _____.



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20. Fill in the blanks.

Excessive burning of fossil fuels is a major

cause of _____.



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21. Write True/False against the following statements.

Oxygen in air is an exhaustible natural resource.



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22. Write True/False against the following statements.

Resources which are present in unlimited quantity in nature are called exhaustible natural resources.



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23. Write True/False against the following statements.

Wildlife is an exhaustible natural resource.





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24. Write True/False against the following statements.

Under high temperature and pressure, dead plants get slowly converted to coal.



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25. Write True/False against the following statements.

CNG is less polluting fuel than petrol and diesel.



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26. Sunlight and air are inexhaustible natural resources. Comment.



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27. Some natural resources are given in a box. Classify them into the exhaustible and

inexhaustible natural resources

air, coal, natural gas, sunlight, petroleum, minerals, forests, oxygen.



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28. Write two important uses of coke.



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29. Write the characteristics and some important uses of coal.



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30. Fill in the blanks and complete the story.

About 300 million years ago the earth had dense _____ in low lying wetland areas. Due to natural processes, like _____, these forests got buried under the _____. As more _____ deposited over them, they were compressed. The _____ also rose as they sank deeper and deeper. Under high _____ and high _____, dead plants got slowly converted into coal.



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Long Answer Questions

1. Name the products obtained and their uses when coal is processed in industry.



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2. We say fossil fuels will last only for a few hundred years. Comment.



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3. We read in newspapers that burning of fuels is a major cause of global warming. Explain why.



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4. While driving what are the tips we must follow to save petrol/ diesel/natural gas?



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5. Imagine that all the exhaustible natural resources are exhausted by human activities. Do you think survival of living beings would be possible? If yes, why?, If not, why not?



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6. Why petrol is exhaustible natural resource, whereas sunlight is not? Explain



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7. Write some important uses of the various constituents of petroleum.



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8. Coal reserves are said to be enough to last for another hundred years. Do you think we need to worry in such case? Why or why not?



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9. What steps would you suggest for the judicious use of fossil fuels?



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