



INTERNATIONAL INDIAN SCHOOL, TABUK

TERM- 1 (SESSION: 2025-26)

PRACTICE SHEETS

CLASS: VIII

SUBJECT: CHEMISTRY

TOPIC: Coal and Petroleum

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| Q1 | Fill in the blanks in the following sentences. (a) Coal is one of the _____ used to cook food. (b) When heated in air, coal burns and produces mainly _____ gas. (c) Coal tar is a black, thick _____ with an _____ smell. (d) Petroleum, _____ and _____ are fossil fuels. (e) Forests and coal are _____ natural resources. (f) The petroleum product used as a fuel for stoves lamps and jet aircrafts is_____ |
| Q2 | You are provided with a mixture of petroleum and which method can you suggest to separate the two |
| Q3 | What does CNG stands for and why is it considered to be a better fuel than petrol? |
| Q4 | What do do mean by fractional distillation? |
| Q5 | 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. |
| Q6 | What do you know about paraffin? Mention uses of paraffin |
| Q8 | Look at fig 5.1 where petroleum and natural gas deposits are shown. Why does we find oil layer above water? |

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| Q9 | Imagine that all 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? |
| Q10 | Write some uses of various constituent of petroleum |
| Q11 | Why petrol is exhaustible natural resource and sunlight is not? Explain |
| Q12 | <p>Multiple choice questions:-</p> <p>i. Various materials which are obtained from nature are called natural resources. Which of the following is not a natural resource? (a) minerals (b) soil (c) water (d) plastic</p> <p>ii. 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) sun-light (c) petroleum (d) minerals</p> <p>iii. Which of the following is a pair of exhaustible natural resources? (a) coal and soil (b) water and petroleum (c) air and sun-light (d) wild life and minerals</p> <p>iv. Coal is processed in industries to get some useful products. Which of the following is not obtained from coal? (a) coke (b) coal gas (c) coal tar (d) CNG</p> <p>v. Exhaustible natural resources are: (a) unlimited in quantity. (b) not dependent on nature. (c) limited in quantity. (d) not exhausted by human activities.</p> <p>vi. Fossil fuels are obtained from: (a) remains of non-living materials. (b) dead remains of birds only. (c) dead remains of insects only. (d) dead remains of living organisms.</p> <p>vii. Coal is formed from the remains of (a) vegetation only (b) animals only (c) both vegetation and animals (d) neither vegetation nor animals</p> |