

St. Andrews Scots Sr. Sec. School

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Session: 2025-2026 - Worksheet

Class: VIII

Subject: Science

Topic: Coal and Petroleum

Q.1.Fill in blanks:

- a) Fossil fuels are _____, _____ and natural gas.
- b) Process of separation of different constituents from petroleum is called _____.
- c) Least polluting fuel for vehicle is _____.
- d) The slow process of conversion of dead vegetation into coal is called _____.
- e) _____ gas is used in the production of carbon black.

Q.2. Very Short Question Answers:

- a) What is the role of coal in thermal power plant?
- b) Give some examples of petrochemicals.
- c) What are the substances obtained after destructive distillation of coal?
- d) Write two uses of coke.
- e) How is CNG a good fuel than petrol and diesel in vehicles?

Q.3.State True or false:

- a) Fossil fuels can be made in the laboratory.
- b) Paraffin wax is one of the constituents of petroleum.
- c) Coke is harder and denser than charcoal.
- d) Kerosene is not a fossil fuel.
- e) Coal gas is obtained when coal is heated in absence of air.

Q.4. Multiple Choice Questions (MCQs)

- a) Which of the following is a renewable source of energy?
 - (i) Coal
 - (ii) Petroleum
 - (iii) Water
 - (iv) Natural gas

- b) Which of the following is a non-renewable source of energy?
 - (i) Water
 - (ii) Coal

- (iii) Soil
- (iv) Sun

- c) Plastic is a
- (i) natural material
 - (ii) man-made material
 - (iii) both (a) & (b)
 - (iv) none of these

- d) Fossil fuels are
- (i) coal
 - (ii) petroleum
 - (iii) natural gas
 - (iv) all of these

- e) The word 'petroleum' is derived from the Latin words
- (a) coal & oleum
 - (b) coke & petro
 - (c) petro & oleum
 - (d) none of these

Q.5. Answer the following Questions:

- a) Explain the different varieties of coal.
- b) The burning of fossil fuels causes air pollution. Explain.
- c) Why should we try to save fossil fuels?
- d) List the various uses of natural gas.
- e) What are the diseases caused by coal mining?