

# St. Andrews Scots 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?