



INDIAN SCHOOL AL WADI AL KABIR

DEPARTMENT OF EVS [2022 – 2023]

LESSON: FUELS FOR VEHICLES

WORKSHEET

RESOURCE PERSON: Ms. Midhat Fatima

NAME: _____ CLASS: V SEC: _____ DATE: _____

I. Fill in the blanks.

1. Fuels such as _____, _____ and _____
_____ are obtained from petroleum.
2. _____ is the major oil-bearing area of India.
3. The level of pollution in Delhi has been brought down significantly after the introduction of _____ in vehicles like buses, taxis and auto-rickshaws.
4. The number of kilometres a vehicle travels by using a litre of petrol is called its _____.
5. Two factors which change the remains of plants and animals to fuel are _____
_____ and _____.
6. Renewable sources of energy are also called _____ sources of energy.
7. The materials that burn in vehicles to produce energy are called _____.
8. Coal is a _____ rock formed from the dead remains of plants.

II. For question numbers 1 and 2, two statements are given - one labelled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes

a), b), c) and d) as given below.

- a) Both A and R are true and R is the correct explanation for A
- b) Both A and R are true but R is not the correct explanation for A.
- c) A is true but R is false.
- d) A is false but R is true.

1) Assertion: Vehicles must be sent for periodic services.

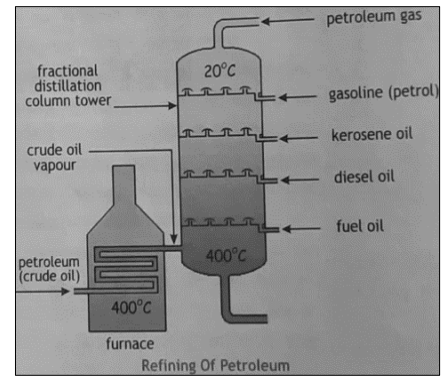
Reason: Servicing improves efficiency and reduces fuel consumption.

2) Assertion: Walking or using a bicycle for very short distances is a good step towards conservation of fuel.

Reason: Walking or cycling is a good exercise for health.

III. Observe the picture given below and answer the questions that follow.

- a. i. It's _____.
- ii. Name the crude petroleum products obtained after the refining of petroleum.



- b.i. Name the picture. _____
- ii. Name the fuel needed for its working. _____
- iii. How will you categorise it? (Renewable source/ non-renewable) source of energy
- iv. Do you think the usage of alternative sources of energy should be encouraged? If yes, justify your answer.

IV. Sequence the steps on how a steam engine works.

- Train moves.
- Coal burns to produce heat.
- Piston turns the wheel.
- Steam moves the piston.
- Heat changes water into steam.

V. Complete the flowchart given below.

Formation of Coal

