

Topic: Coal and Petroleum**I. Fill in the blanks.**

1. Fossil fuels are _____ and _____.
2. Process of separation of different constituents from petroleum is called _____.
3. Least polluting fuel for vehicle is _____.
4. The slow process of conversion of dead vegetation into coal is called _____.
5. On heating in air, coal mainly produces _____ gas.
6. _____ is the most pure form of carbon.
7. Coal tar is a mixture of about _____ substance.
8. Nowadays _____, a petroleum product is used in place of _____ for metalling the roads.

II. State whether the following sentences are True/False

1. Fossil fuels can be made in the laboratory.
2. CNG is more polluting fuel than petrol.
3. Coke is almost pure form of carbon.
4. Coal tar is a mixture of various substances.
5. Kerosene is not a fossil fuel.
6. Coal gas was used for street lighting for the first time in London in 1810 and in New York around 1820.

III. Match the following:

<u>Column-I</u>	<u>Column-II</u>
1. CNG	a. Renewable source
2. Solar energy	b. Black gold
3. Petroleum	c. Non-polluting fuel
4. Anthracite	d. Waxy material
5. Coal tar	e. Produce more energy
6. Kerogen	f. 98% Carbon content
7. Good fuels	g. Viscous liquid
8. Oil refinery	h. Barauni
9. Kerosene	i. Used in Vaseline
10. Paraffin wax	j. Fuel in lamps

IV. Answer the following one and two two mark questions:

1. Write the names of two natural substances.

2. What is the purest form of carbon?

3. What is the main use of coke?

4. Name two fractions of petroleum.

5. Why petroleum is called black gold?

6. Expand PCRA.

7. What are natural resources? Explain with examples.

8. What are fossil fuels? Name main fossil fuel.

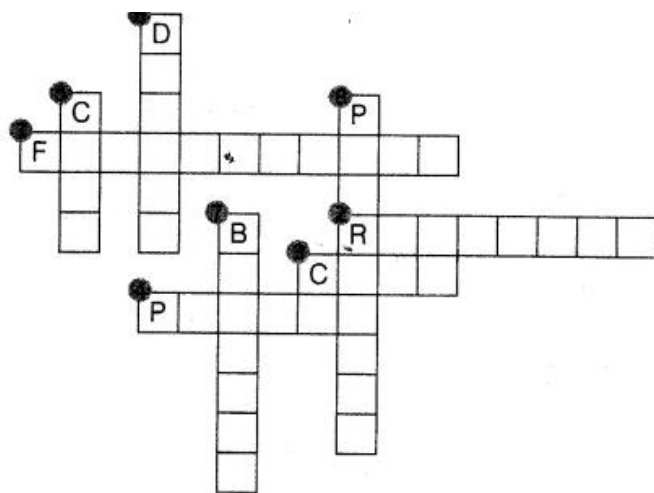
9. What is coal tar? What are its uses?

10. Why CNG is called clean fuel?

11. State some harmful effects of using fossil fuels?

12. What are petrochemicals?

V. **Complete the Crossword with the help of the clues:**



Across

1. Fuels obtained from dead remains of living organisms.
2. A process by which the various constituents of petroleum are separated.
3. A porous black substance obtained from coal.
4. Another name for motor fuel.

Down

5. The substance obtained by carbonisation.
6. Fuel for heavy motor vehicles.
7. A petroleum product used for road surfacing
8. Dead remains of sea animals got converted into it.