

Very Short Answer Questions:

1. Name one fossil fuel that occurs in a gaseous state.
2. What is the main element present in all fossil fuels?
3. Why is coal called a fossil fuel?
4. Write any one use of bitumen.
5. Which fossil fuel is used in thermal power plants?
6. Mention one property of CNG that makes it eco-friendly.
7. What does the term "petroleum" literally mean?
8. Write the full form of CNG.
9. Name the fraction of petroleum used as fuel in homes.
10. Which fossil fuel is least polluting and why?

Short Answer Type Questions:

11. List two reasons why fossil fuels are considered non-renewable resources.
12. How is CNG stored and transported safely?
13. Explain how petroleum was formed.
14. What are the differences between CNG and LPG?
15. Why is it important to use fossil fuels judiciously?
16. Explain the term "carbonisation." What material is formed as a result of this process?
17. State any two uses of natural gas apart from being a fuel.
18. How does the use of fossil fuels contribute to acid rain?
19. Explain why excessive mining of coal is harmful.
20. What is the significance of petroleum refineries in the economy?

Long Answer Type Questions:

21. Differentiate between coal, petroleum, and natural gas based on formation, state, and major use.
22. Describe the advantages and disadvantages of using fossil fuels.
23. Suggest three measures that can be taken at the individual level to conserve fossil fuels.
24. With a labelled diagram, explain the process of fractional distillation of petroleum.
25. Why are alternative sources of energy being promoted? Mention any two alternatives and their benefits.
26. Give a brief account of products obtained from coal. Mention one use of each.

27. Imagine fossil fuels are exhausted in the next 50 years. What would be three major consequences for humans?
28. What are the environmental issues associated with oil spills? How can they be controlled?
29. Give three reasons why LPG is considered a better domestic fuel than wood or coal.
30. “The use of fossil fuels must be reduced even if they are available.” Justify this statement with logical arguments.

