

- The residue left in pyrolysis of coal is
a) charcoal b) coke c) coaltar d) coal gas
- The main constituent of LPG is
a) methane b) ethane c) propane d) butane
- The fraction of petroleum used as jet fuel is
a) petrol b) kerosene c) diesel d) spirit
- Coal with largest carbon content is
a) anthracite b) peat c) lignite d) bituminous
- The chemical component added to LPG to help detect its leakage is
a) isobutane b) ethylamine c) methylmercaptane d) ethylmercaptane
- Which of the following are not obtained on fractional distillation of petroleum
a) paraffin wax b) asphalt c) bituminous d) bitumen
- Compounds of carbon and hydrogen are called
a) hydrocarbon b) petrol c) carbon dioxide d) carbohydrates
- Non renewable resource among the following
a) solar energy b) wind energy c) minerals d) tidal energy
- Which among the following is not derived from fossil fuel (coal and petroleum)
a) LPG b) kerosene c) diesel d) biogas
- The maximum percentage of gas in CNG is
a) CH_4 (methane) b) C_2H_6 (ethane) c) C_3H_8 (propane) d) C_4H_{10} (butane)
- _____ is used in ointments
a) bitumen b) coke c) paraffin wax d) lubricating oil
- _____ is not obtained from coal tar
a) naphthalene b) anthracene c) road tar d) bitumen
- _____ is used in steel manufacture
a) coal b) coke c) asphalt d) coal tar
- Refining of petroleum is done by
a) distillation b) filtration c) fractional distillation d) separating funnel
- _____ is a cleaner fuel
a) LPG b) petrol c) diesel d) CNG

16. Eco-friendly fuel is
 a) bio gas b) natural gas c) petroleum gas d) hydrogen gas
17. Pick the odd one out
 a) coke b) natural gas c) coal d) petroleum
18. Which of the following is a fossil fuel
 a) water gas b) producer gas c) natural gas d) biogas
19. Which of the following can be called as non conventional source of energy
 a) solar energy b) wind energy c) coal d) a and b
20. Producer gas is
 a) $CO + H_2$ b) $CO_2 + N_2$ c) $CO + N_2$ d) $CO_2 + H_2$
21. The common component in "water gas" and "producer gas" is
 a) CO b) H_2 c) N_2 d) CO_2
22. Water gas is also called
 a) producer gas b) syn gas c) biogas d) coal gas
23. _____ is not a petrochemical
 a) lubricating oil b) paraffin wax c) diesel d) ammonical liquor
24. The biproduct of coal used in synthetic dyes and paints is
 a) coal gas b) coke c) coal tar d) ammonical liquor
25. Global warming is caused by
 a) CO b) CO_2 c) N_2 d) H_2

KEY

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|---------|---------|---------|---------|---------|
| 1. b | 2. d | 3. b | 4. a | 5. d |
| 6. c | 7. a | 8. c | 9. d | 10. a |
| 11. c | 12. d | 13. b | 14. c | 15. d |
| 16. d | 17. a | 18. c | 19. d | 20. c |
| 21. a | 22. b | 23. d | 24. c | 25. b |