

## Fuel Technology MCQ Questions and Answers Pdf

1. Laboratory gas is obtained by the cracking of
  - a. Gasoline
  - b. Diesel
  - c. Fuel oil
  - d. KeroseneAns: D
2. Which of the following is the maximum coal producing state in India?
  - a. Orissa
  - b. West Bengal
  - c. Jharkhand
  - d. AssamAns: A
3. Which of the following is not a by product fuel?
  - a. Pitch
  - b. Blast furnace gas
  - c. Petrol
  - d. Refinery gasAns: C
4. The main aim of cracking is to produce
  - a. Gasoline
  - b. Lube oil
  - c. Petrolatum
  - d. CokeAns: A
5. Kerosene should have
  - a. Low smoke point
  - b. High smoke point
  - c. High aromatics content
  - d. Low paraffins contentAns: B
6. A fuel with high heat release rate will
  - a. Require smaller combustion chamber
  - b. Have high calorific value
  - c. Have high adiabatic flame temperature
  - d. Have long flameAns: A
7. Preheating of gaseous fuels results in increased
  - a. Flame length
  - b. Flame temperature

- c. Quantum of flue gas
- d. Ignition temperature

Ans: B

8. Bomb calorimeter determines the
- a. Higher calorific value at constant volume
  - b. Gross calorific value at constant pressure
  - c. Lower calorific value at constant pressure
  - d. Net calorific value at constant volume

Ans: A

9. Which fertiliser is produced in the by-products recovery plant attached to a steel plant (from coke oven gas)?
- a. Ammonium phosphate
  - b. Ammonium Nitrate
  - c. Ammonium Sulphate
  - d. Calcium Ammonium Nitrate

As: C

10. High ash containing coke
- a. Produces more slag in the blast furnace
  - b. Has poor strength and hardness
  - c. Is desirable in producer gas manufacture
  - d. Is very soft

Ans: A

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