

Energy Conversion Questions and Answers Pdf

1. The major constituents of natural gas is

- a. Methane
- b. Acetylene
- c. Carbon monoxide
- d. Hydrogen

Ans: A

2. The location of which power plant is mainly decided by the geographical factors?

- a. Steam power plants
- b. Diesel engine power plants
- c. Gas turbine power plants
- d. Hydro-electric power plants

Ans: D

3. Which of the following state in India is relatively rich in coal deposits?

- a. Rajasthan
- b. Punjab
- c. Bihar
- d. Andhra Pradesh

Ans: C

4. In which of the following state manufacturing unit of Bharat Heavy Electricals Ltd. Is not located?

- a. Rajasthan
- b. Uttar Pradesh
- c. Andhra Pradesh
- d. Madhya Pradesh

Ans: A

5. Compressed air is required in diesel engine power plants mainly for

- a. starting the engine
- b. cleaning
- c. oil filtration
- d. water aeration

Ans: A

6. Coal used in power plants is also known as

- a. charcoal
- b. steam coal
- c. coke
- d. soft coal

Ans: B

7. The heating value of coal largely depends on

- a. size of coal particles
- b. carbon content
- c. volatile matter
- d. moisture content

Ans: B

8. Which of the following place is not associated with nuclear power plants?

- a. Narora
- b. Kalpakkam
- c. Bengaluru

d. Tarapur

Ans: C

9. Which of the following is considered to be superior quality coal for power plants?

a. Bituminous coal

b. peat

c. coke

d. Lignite

Ans: A

10. The name DVC is associated with which type of power generation?

a. thermal

b. hydro-electric

c. nuclear

d. gas turbine

Ans: B