

Electrical Power Sources Multiple Choice Questions and Answers Pdf

1. Gas turbines is widely used in

- a. Locomotives
- b. Automobiles
- c. Aircrafts
- d. Pumping stations

Ans: C

2. Which of the following voltage regulation is considered to be the best?

- a. 2%
- b. 30%
- c. 70%
- d. 98%

Ans: A

3. Graphite is used in nuclear power plant as a

- a. Fuel
- b. Coolant
- c. Moderator
- d. Electrode

Ans: C

4. Which of the following materials cannot be used as a moderator?

- a. Deuterium
- b. Graphite
- c. Heavy water
- d. Beryllium

Ans: A

5. Equipment used for pulverizing the coal is the

- a. Hopper
- b. Stoker
- c. Ball mill

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d. Burner

Ans: C

6. What is the nominal pH value of water that is to be maintained in a steam raising thermal power station?

a. 0.0

b. 7.0

c. 8.5

d. 14.3

Ans: C

7. The coal that has highest ash content is

a. lignite

b. coking coal

c. bituminous coal

d. steam coal

Ans: A

8. The largest size of a steam turbine installed in India is

a. 100 MW

b. 250 MW

c. 500 MW

d. 1,000 MW

Ans: C

9. In a steam power plant water is used for cooling purposes in

a. Economiser

b. Condenser

c. Boiler

d. Superheater

Ans: B

10. In thermal power plants, the pressure in the working fluid cycle is developed by

a. Condenser

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- b. Superheater
- c. Feed water pump
- d. Turbine

Ans: C

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