

*Electrical Power Sources* MCQ Questions and Answers Pdf

1. A sodium graphite reactor uses
  - a. Sodium as moderator and graphite as coolant
  - b. Sodium as coolant and graphite as moderator
  - c. A mixture of sodium and graphite as coolant
  - d. A mixture of sodium and graphite as moderator

As: B

2. In a distribution system, which one of the following items shares the major cost?
  - a. conductors
  - b. earthing system
  - c. distribution transformer
  - d. insulators

Ans: C

3. Which one of the following is neglected while analysing a short transmission line?
  - a. Shunt admittances
  - b. Power losses
  - c. Series impedance
  - d. None of the above

Ans: A

4. The function of a solar collector is of converting solar energy into
  - a. Radiations
  - b. Electrical energy directly
  - c. Thermal energy
  - d. Any of the above

Ans: C

5. Control rods used in nuclear reactors are made of
  - a. Zirconium
  - b. Boron
  - c. Beryllium

d. Lead

Ans: B

6. Which material is used in controlling chain reaction in a nuclear reactor?

a. Thorium

b. Heavy water

c. Boron

d. Beryllium

Ans: C

7. In a nuclear reactor thermal energy is obtained from

a. Fission of radioactive materials

b. Fusion of radioactive materials

c. Burning of the fuel rods in oxygen

d. All of these

Ans: A

8. Coal used in thermal power plant is also known as

a. soft coal

b. steam coal

c. charcoal

d. coke

As: B

9. Within the boiler, the steam has highest temperature is

a. superheater

b. water tubes

c. water walls

d. water drum

Ans: A

10. Turbines installed at Bhakra Nangal are

a. Pelton wheels

b. Francis turbines

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- c. Kaplan turbines
- d. Properller turbines

Ans: A

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