

Electrical Power Sources Objective Questions and Answers Pdf

1. Public sector undertaking associated with erection and commissioning of steam power plant is called
- Indian Electricity Authority
 - National Thermal Power Corporation Ltd.
 - Bharat Coking Coal Ltd.
 - Coal India Ltd.

Ans: B

2. Location of a surge tank, in an hydroelectric power station, is near
- Turbine
 - Tail race
 - Reservoir
 - Dam

Ans: A

3. The power development programmes that are possible in Tamil Nadu are largely based on
- Steam power plants
 - Hydroelectric power plants
 - Nuclear power plant
 - Diesel power plants

Ans: C

4. In hydroelectric power plants
- Operating cost is low and initial cost is high
 - Operating cost is high and initial cost is low
 - Both operating cost as well initial cost are high
 - Both operating cost as well as initial cost are low

Ans: A

5. Which of the following is considered to be superior quality of coal?
- Bituminous
 - Coke
 - Lignite
 - Peat

Ans: A

6. Pipes carrying steam are generally of
- Steel
 - Cast iron
 - Aluminium
 - Cobalt

Ans: A

7. In which part of the thermal power plant, the steam pressure is less than that of atmosphere?
- boiler
 - turbine
 - superheater
 - condenser

Ans: D

8. Flyash generally results from
- Fluidized bed boilers
 - Pulverised coal boilers
 - Diesel engines
 - Gas turbines

Ans: B

9. The pressure at the furnace is minimum in case of
- Induced draught
 - Forced draught
 - Balanced draught
 - Natural draught

Ans: C

10. The efficiency of a nuclear power plant is less than that of a conventional fuel fired thermal plant because of
- Less rejection of heat in the condenser
 - Higher temperature conditions
 - Higher pressure conditions
 - Low temperature and pressure conditions

Ans: D