

### **Electrical Power Plant Engineering Objective Quiz Questions Pdf**

1. In coal preparation plant, magnetic separators are used to remove
  - a. dust
  - b. clinkers
  - c. iron particles
  - d. sand

Ans: C

2. Thermal efficiency of the steam plant is of the order of
  - a. 30%
  - b. 50%
  - c. 60%
  - d. 80%

Ans: A

3. Topping turbines are
  - a. low pressure condensing units
  - b. high pressure non condensing units
  - c. low pressure non condensing units
  - d. high pressure condensing units

Ans: B

4. The commonly used material of condenser tubes is
  - a. aluminium
  - b. cast iron
  - c. admiralty brass
  - d. mild steel

Ans: C

5. In a diesel engine the heat lost to the cooling water is
  - a. 10%
  - b. 20%
  - c. 30%
  - d. 70%

Ans: C

6. In a four stroke cycle petrol engine, during suction stroke
  - a. only air is sucked in
  - b. only petrol is sucked in
  - c. mixture of petrol and air is sucked in
  - d. none of the above

Ans: C

7. In a four stroke cycle diesel engine, during suction stroke
  - a. only air is sucked in
  - b. only fuel is sucked in
  - c. mixture of fuel and air is sucked in
  - d. none of the above

Ans: A

8. The ratio of brake power to indicated power of an I.C. engine is called

- a. mechanical efficiency
- b. thermal efficiency
- c. volumetric efficiency
- d. relative efficiency

Ans: A

9. Very high speed engines are generally

- a. Gas engines
- b, S.I. engines
- c. C.I. engines
- d. Steam engines

Ans: B

10. The torque developed by the engine is maximum

- a. at minimum speed of engine
- b, at maximum speed of engine
- c. at maximum volumetric efficiency speed of engine
- d. at maximum power speed of engine

Ans: C

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