

QUIZ – ANSWER KEY

QUIZ NO: 63

TOPIC: ELECTRICAL ENGINEERING

DATE: 31/03/2022

1. Which of the following rotor is used in thermal power plants?

- [A] Cylindrical rotor
- [B] Salient rotor
- [C] Either of these
- [D] Squirrel cage rotor

Answer: A

2. Objectives of power system is/are.....

- [A] Rated voltage and frequency has to be supplied to the consumer
- [B] Cost of electrical energy per KWh is to be minimum
- [C] Both A and B
- [D] Nether A nor B

Answer: C

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3. The value of diversity factor is

- [A] 1
- [B] 0
- [C] Less than 1
- [D] Greater than 1

Answer: D

4. Which of the following plant is/are base load plants?

- [A] run of river
- [B] Nuclear
- [C] Pumped storage
- [D] Both A and B

Answer: D

5. Pelton turbine is a.....turbine

- [A] Axial flow
- [B] Inward radial flow
- [C] Impulsive
- [D] Any of the above

Answer: C

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6. Which of the following is low specific speed turbine ?

- [A] Pelton
- [B] Kaplan
- [C] Francis
- [D] None of the above

Answer: A

7. More efficient plants are used as

- [A] Base load plant
- [B] Peak load plant
- [C] Both A and B
- [D] None of these

Answer: A

8. In case of 3 phase short circuit in a system, the power fed into the system is

- [A] Mostly active
- [B] Mostly Reactive
- [C] Both active and reactive power are equal
- [D] none of these

Answer: B

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9. The synchronous motor connected to an infinite bus takes power at a lag p.f. If its excitation is increased

- [A] Terminal Voltage increase
- [B] Load angle increase
- [C] Power factor Increase
- [D] None of the above

Answer: C

10. The synchronous generator connected to an infinite bus. If its excitation is increased

- [A] Supply reactive power
- [B] Absorb Reactive
- [C] Both A and B
- [D] None of the above

Answer: A

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