

QUIZ – ANSWER KEY

QUIZ NO: 75

TOPIC: ELECTRICAL ENGINEERING

DATE: 12/05/2022

1. A face-plate starter is employed for starting _____ motor

- [A] Synchronous
- [B] Universal
- [C] Direct current series
- [D] Induction

Answer: C

2. The function of snubber circuit connected across the SCR is to

- [A] suppress dV/dt
- [B] increase dV/dt
- [C] decrease dV/dt
- [D] decrease di/dt

Answer: A

Join our social media



QUIZ – ANSWER KEY

3. A thyristor can be termed as

- [A] AC switch
- [B] DC switch
- [C] Both A and B
- [D] Square wave switch

Answer: B

4. In a hydroelectric generating system, pressure variations due to rapid changes in velocity of water is mitigated using

- [A] Tailrace pipe
- [B] Penstock
- [C] Surge tank
- [D] None of these

Answer: C

5. In 3 - phase power measurement using 2 wattmeter method, both the wattmeters are reading positive and equal. This is because

- [A] The load is purely resistive
- [B] The load power factor is 0.5
- [C] The phase sequence is RBY
- [D] The load is purely inductive

Answer: A

Join our social media



QUIZ – ANSWER KEY

6. For a two terminal device, resistance decreases when the temperature increases, the device is

- [A] made up of a metal
- [B] a semiconductor
- [C] a dielectric
- [D] None of these

Answer: B

7. In a synchronous generator, selective elimination of odd harmonics can be done by:

- [A] Distribution of winding
- [B] Symmetrical winding
- [C] Short-chording of winding
- [D] None of these

Answer: C

8. Smooth cylindrical type rotors with less diameter and large axial length are used for Synchronous generators driven by:

- [A] Water turbines
- [B] Radial turbines
- [C] Steam turbines
- [D] None of these

Answer: C

Join our social media



QUIZ – ANSWER KEY

9. Which one among the following is TRUE regarding the selection of working flux density in transformer design?

- [A] High flux density in the core results into the reduction in core loss
- [B] High flux density in the core results into an increase in copper loss
- [C] High flux density in the core results into high all day efficiency
- [D] High flux density in the core results into saving in cost of iron

Answer: D

10. To have a smooth, quiet running of an induction motor by reducing humming and to prevent cogging, the technique used is called

- [A] Campling
- [B] Concentrating
- [C] Skewing
- [D] None of the above

Answer: C

Join our social media

