

QUIZ – ANSWER KEY

QUIZ 60

TOPIC: ELECTRICAL ENGINEERING

1. Which of the following will improve the mutual coupling between primary and secondary circuits?
- [A] Transformer oil of high break down voltage
 - [B] High reluctance magnetic core
 - [C] Winding material of high resistivity
 - [D] Low reluctance magnetic core

Answer: D

2. Inter pole winding is connected in -----
- [A] series with armature
 - [B] series with main poles
 - [C] parallel with armature
 - [D] parallel with main poles

Answer: A

Join our social media



QUIZ – ANSWER KEY

3. The direction of the current in the compensating winding is _____ to the direction of current in the armature conductors?

- [A] same
- [B] exactly opposite
- [C] either of these
- [D] none of the above

Answer: B

4. Essential conditions for two DC generators are connecting for parallel operation is/are

- [A] terminal voltage should be the same
- [B] polarities should be the same
- [C] rating of generators should be the same
- [D] both A and B

Answer: A

5. Autotransformer makes effective saving on copper and copper losses, when its transformation ratio is equal to

- [A] very low
- [B] less than one
- [C] greater than one
- [D] approx. to one

Answer: D

Join our social media



QUIZ – ANSWER KEY

6. A large series motor is never started without some mechanical load on it because otherwise, it will.....

- [A] produce sparking at brushes
- [B] open fuse or circuit breaker
- [C] draw too much current
- [D] develop excessive speed and damage itself

Answer: D

7. Which of the following statement is TRUE ?

- [A] The equivalent resistance in series combination is larger than the largest resistance in the combination
- [B] The equivalent resistance in series combination is smaller than the largest resistance in the combination
- [C] The equivalent resistance in series combination is equal to the smallest resistance in the combination
- [D] The equivalent resistance in series combination is equal to the largest resistance in the combination

Answer: A

8. A magnet is kept in the medium of air surrounded by an iron ring. The magnetic lines of force from the magnet will be

- [A] Very small in the ring
- [B] Crowded in the ring
- [C] Passing out of the ring

Join our social media



QUIZ – ANSWER KEY

[D] Evenly distributed within the ring

Answer: B

9. In indicating instrument the springs are mainly used to

[A] Conduct the current on the coil

[B] Hold the pivot in position

[C] Control the pointer movement

[D] Reduce the vibration of the pointer

Answer: C

10. Creeping in a single-phase induction type energy meter may be due to

[A] Over Voltage

[B] Vibrations

[C] Overcompensation for Friction

[D] All of the above

Answer: D

Join our social media

