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## Maintenance & Testing of Electrical Equipments MCQ Test

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Below is the **Maintenance & Testing of Electrical Equipments MCQ** test that checks your basic knowledge of Maintenance & Testing of Electrical Equipments. This **Maintenance & Testing of Electrical Equipments Test** contains 20 Multiple Choice Questions. You have to select the right answer to the question. Finally, you can also take the Online Quiz from the Take **Maintenance & Testing of Electrical Equipments Quiz** Button.

**Q1. Which material is used for the manufacture of brushes in DC motors?**

- A. Lead
- B. Copper
- **C. Graphite**
- D. All of these

**Q2. Which among these devices are used to protect low voltage induction motor?**

- A. HRC fuse
- B. Contactor starter
- C. Thermal overload relay
- **D. All of these**

**Q3. Tap changing transformers are used for.....**

- A. stepping up the voltage
- B. stepping down the voltage
- **C. both stepping up and stepping down the voltage**
- D. supplying low voltage current for instruments

**Q4. An ammeter is a ..... instrument.**

- A. Absolute instrument

- **B. Secondary instrument**
- C. Recording instrument
- D. Integrating instrument

**Q5. For what voltage is Twin conductor bundle used in India?**

- A. 220 kV
- B. 330 kV
- **C. 500 kV**
- D. 750 kV

**Q6. Which of the following machine will be preferred to charge the batteries?**

- A. Series motor
- B. Shunt generator
- C. Series generator
- **D. Series generator**

**Q7. Which of the following motors is used in ceiling fan?**

- A. Universal motor
- **B. Induction motor**
- C. Series motor
- D. Synchronous motor

**Q8. Electrostatic voltmeter instruments are suitable for .....**

- A. AC work only
- B. DC work only
- **C. Both AC and DC work**
- D. None of these

**Q9. The failure % of electric motor is higher due to.....**

- A. Insulation failure
- B. Over loading
- **C. Bearing failure**
- D. None

**Q10. Which of the following is usually not the generating voltage ?**

- A. 6.6 kV
- **B. 9.9 kV**
- C. 11kV
- D. 13.2 kV

**Q11. What rated voltage is the shielded cable provided in a low voltage system?**

- **A. Rated voltage**
- B. Rated voltage > 1 kV
- C. Rated voltage
- D. None of them

**Q12. What is meant by equalizer bus?**

- **A. The bus connecting series fields in parallel**
- B. The bus connecting shunt fields in series
- C. The bus connecting series fields in series
- D. The bus connecting shunt fields in parallel

**Q13. Which among these is the application of universal motors?**

- A. Fans
- B. Washing machines
- C. Hair dryers
- **D. Vacuum cleaners**

**Q14. Which device is connected in series?**

- A. RC surge suppressors
- **B. Smoothing reactors**
- C. Metal oxide varistors
- D. Static balancer

**Q15. Which of the amongst is the first equipment placed in the uninterrupted power supply (UPS)?**

- A. Inverter
- B. Battery
- C. Rectifier
- D. Any of these

**Q16. Which material has a lower dielectric strength at 50 Hz? - Published on 30 Sep 15 a.**

- A. Bakelite
- B. Glass
- C. Air
- D. Dielectric oil

**Q17. Which material is used for the manufacture of brushes in DC motors?**

- A. Graphite
- B. Lead
- C. Copper
- D. All of these

**Q18. Which among these is a type test?**

- A. Bending test
- B. Drainage test
- C. Dielectric security test
- D. All of these

**Q19. Which part of the tower is buried in the ground?**

- A. Anchor
- B. Guy wire
- C. Braces
- D. Strut inclined support

**Q20. What is the expression for the amplitude of the reflected wave?**

- A.  $I_r = [ (R + Z) / (R - Z) ] I_t$
- B.  $I_r = [ (R - Z) / Z ] I_t$
- C.  $I_r = [ (R - Z) / (R + Z) ] I_t$

- **D.**  $I_r = [(R + Z) / Z] I_t$

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