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## DC Generator MCQ Question and Answer

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We have listed below the best **DC Generator MCQ Questions** that check your basic knowledge of DC Generator. This **DC Generator MCQ Test** contains 25 best multiple choices questions. You have to select the right answer to every question. You can also download here the **DC Generator MCQ PDF**.

**Q1. A D.C. welding generator has \_\_\_\_\_ .**

- A. Wave moving
- **B. Lap winding**
- C. Duplex winding
- D. All of the above

**Q2. In a D.C. generator the magnetic neutral axis coincides with the geometrical neutral axis, when \_\_\_\_\_ .**

- A. The generator runs on full load
- **B. There is no load on the generator**
- C. The generator runs on overload
- D. The generator runs on designed speed

**Q3. When two D.C. generators are running in parallel an equalizer bar is used So that the two identical machines will pass approximately equal currents to the load.**

- **A. True**
- B. False

**Q4. The armature of DC generator is laminated to \_\_\_\_\_ .**

- A. Reduce Hysteresis loss
- B. Insulate the Core
- **C. Reduce eddy current loss**

- D. Provide air cooling passage

**Q5. In D.C. generators, lap winding is used for \_\_\_\_\_ .**

- A. High voltage, high current
- B. High voltage, low current
- C. **Low voltage, high current**
- D. Low voltage, low current

**Q6. which of the following regulation is preferred With a D.C. generator ?**

- A. 100% regulation
- B. **1% regulation**
- C. 50% regulation
- D. Infinite regulation

**Q7. What is full load terminal voltage In a level compounded D.C. generator ?**

- A. **Equal to no-load terminal voltage**
- B. Negligibly low
- C. More than no-load terminal voltage
- D. Less than no-load terminal voltage

**Q8. The resistance of armature winding depends on which of the following ?**

- A. Cross-sectional area of the conductor
- B. Length of conductor
- C. Number of conductors
- D. **All of the above**

**Q9. In a four-pole D.C. machine Alternate poles are north and south.**

- A. **true**
- B. false

**Q10. In a commutator \_\_\_\_\_ .**

- A. mica and copper are equally hard
- B. Copper is harder than mica
- C. mica is harder than copper
- D. none of the above

**Q11. We connect two generators in parallel For large DC load.**

- A. true
- B. false

**Q12. Thy yoke of a dc generator is made of cast iron because \_\_\_\_\_ .**

- A. It is cheaper
- B. It gives mechanical protection to the machine
- C. It completes the magnetic path
- D. All of these

**Q13. The bearings used to support the rotor shafts are generally**

\_\_\_\_\_ .

- A. bush bearings
- B. magnetic bearings
- C. needle bearings
- D. ball bearings

**Q14. In case of D.C. machines, mechanical lossess are primary function of -**

- A. Current
- B. Voltage
- C. Speed
- D. none+

**Q15. Brushes of D.C. Machines are made of which of the followings ?**

- **A. Carbon**
- B. Soft Copper
- C. hard copper
- D. all of the above

**Q16. The Material of Commutator brushes is generally made of \_\_\_\_\_ .**

- A. Mica
- B. Copper
- C. Cost Iron
- **D. Carbon**

**Q17. A D.C. generator without commutator is a AC generator.**

- **A. true**
- B. false

**Q18. Equalizer rings are used in wave winding.**

- A. true
- **B. false**

**Q19. Fleming's right hand rule is applicable to \_\_\_\_\_ .**

- A. D.C. Motor
- B. Transformer
- C. D.C. Generator
- **D. Altenator**

**Q20. A Triplex wave winding will have \_\_\_\_\_ Parallel Paths.**

- A. 2
- B. 4
- **C. 6**
- D. 8

**Q21. When two dc series motors are connected in parallel the resultant speed is .....**

- A. Zero
- B. Normal speed
- C. Less than the normal speed
- **D. More than the normal speed**

**Q22. Nowadays dc motor is widely used in .....**

- A. Pumping sets
- B. Machine shops
- **C. Electric traction**
- D. Air compressors

**Q23. The field coils of D.C. generator are usually made of .....**

- A. Mica
- B. Carbon
- **C. Copper**
- D. Cast iron

**Q24. In a D.C. generator the critical resistance can be increased by .....**

- A. Decreasing its speed
- **B. Increasing its speed**
- C. Decreasing its field resistance
- D. None of above

**Q25. Welding generator will have .....**

- **A. Lap winding**
- B. Delta winding
- C. Wave winding
- D. None of above

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