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Transmission and Distribution MCQ Test

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We have listed below the best Electrical Generation **Transmission and Distribution MCQ** Questions, that are very helpful for the preparation of Transmission and Distribution Interview/Exam. This **Transmission and Distribution MCQ Test** contains 25 best Multiple Choice Questions. You have to select the right answer to every question. Finally, you can also download below the **Transmission and Distribution MCQ PDF**.

Q1.cable used to connect the distributor to the consumer terminals.

- A. Distributors
- B. Feeders
- C. Service mains
- D. All of these

Q2. In transmission lines the cross-arms are made of

- A. Copper
- B. Wood
- C. R.C.C.
- D. Steel

Q3. Transmission voltage of 11 kv is normally used for distances up to.....km

- A. 20-25 km
- B. 40-45 km
- C. 60-70 km
- D. 80-100 km

Q4. What is the maximum range of voltage rating for belted cables are in used?

- A. 230 V

- B. 1000 V
- C. 11000 V
- D. 66000 V

Q5. The distribution system are mostly used in India.

- A. Parallel
- B. Network
- C. Radial
- D. Both A and B

Q6. Type of Distribution is preferred in residential areas?

- A. Single phase, two wire
- B. Two phase, four wire
- C. Three phase, three wire
- D. Three phase, four wire

Q7. The rated voltage of a Three phase power system is given as.

- A. RMS phase voltage
- B. RMS line to line voltage
- C. peak phase voltage
- D. peak line to line voltage

Q8. Transmission line connected are.

- A. service points to consumer premises
- B. generating station to a switching station/step-down transformer station
- C. distribution transformer to consumer premises
- D. step-down transformer station to service transformer banks

Q9. In India for distribution of electric power we usually use.

- A. RCC poles
- B. Steel poles
- C. Wooden poles
- D. Both A and B

Q10. If the frequency of transmission system is changed from 52 Hz to 100 Hz, the string efficiency

- A. will increase
- B. will decrease
- **C. remain unchanged**
- D. may increase or decrease depending on the line parameters

Q11. Which of the following items shares the major cost in a distribution system?

- A. Conductors
- **B. Distribution transformer**
- C. Insulators
- D. Earthing systems

Q12. Power despatch through a line can be increased by.

- **A. installing series capacitors**
- B. installing shunt capacitors
- C. installing series reactors
- D. installing shunt reactor

Q13. Aluminium has a specific gravity of

- A. 1.5
- B. 4.2
- **C. 2.7**
- D. 7.8

Q14. The chances of occurrence of corona are maximum during

- A. Winter
- B. Hot summer
- C. Dry weather
- **D. Humid weather**

Q15. Transmission of power over a distance of 500 km the transmission voltage should be

in a range

- A. 100-120 kv
- B. 60-100 kv
- C. **150-220 kv**
- D. 20-50 kv

Q16. The power transmitted will be maximum when

- A. **Sending end voltage is high**
- B. Reactance is high
- C. Receiving end voltage is high
- D. All of the Above

Q17. The power transmitted will be maximum when

- A. **Sending end voltage is high**
- B. Reactance is high
- C. Receiving end voltage is high
- D. All of the Above

Q18. The power transmitted will be maximum when

- A. **Sending end voltage is high**
- B. Reactance is high
- C. Receiving end voltage is high
- D. All of the Above

Q19. The material commonly used for insulation in high voltage cables is

- A. **Paper**
- B. Lead
- C. PVC
- D. Rubber

Q20. The steel used in steel cored conductors is usually

- A. Alloy steel

- B. Stainless steel
- C. Mild steel
- D. High-speed steel

Q21. Which of the following voltage regulations is considered best?

- A. 6%
- B. 4%
- C. 8%
- D. 10%

Q22. The specified quantities of Slack bus is

- A. Q and V
- B. P and V
- C. V and ?
- D. None of above

Q23. The specified quantities of Slack bus is

- A. Q and V
- B. P and V
- C. V and ?
- D. None of above

Q24. The distributors for residential areas are

- A. Single-phase
- B. Three-phase three-wire
- C. Three-phase four-wire
- D. None of above

Q25. high voltage transmission lines use which insulators?

- A. Pin insulators
- B. Suspension insulators
- C. Both A & B
- D. None of above

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