

Junior Engineer-Power Distribution

Sample Paper

Training Provider		Training Center	
Center SPOC		Batch Id	
Center SPOC Contact No		Assessment date	
Candidate Name		Trainer Name	
Candidate Contact No		Trainer Contact No	
Candidate Signature		Trainer Signature	

Q1. What is the primary purpose of a power distribution system?

- a) Generate electricity
- b) Store electricity
- c) Deliver electricity to consumers
- d) Reduce electricity demand

Q2. Before starting installation work, a technician should:

- a) Start the equipment immediately
- b) Check drawings and specifications
- c) Ignore safety procedures
- d) Disconnect consumers

Q3. Which tool is commonly used to measure voltage?

- a) Hammer
- b) Spanner
- c) Multimeter
- d) Chisel

Q4. Proper earthing is required to:

- a) Increase voltage
- b) Improve appearance
- c) Protect against electric shock
- d) Reduce cable length

Q5. During cable installation, damaged cables should:

- a) Be used carefully
- b) Be repaired temporarily
- c) Be replaced
- d) Be ignored

Q6. A transformer in a distribution system is used to:

- a) Generate power
- b) Step up or step down voltage
- c) Store power
- d) Measure current

Q7. Which document helps in understanding electrical installation layouts?

- a) Attendance register
- b) Circuit diagram
- c) Salary sheet
- d) Inventory list

Q8. Preventive maintenance helps to:

- a) Increase breakdowns
- b) Reduce equipment life
- c) Avoid unexpected failures
- d) Increase power losses

Q9. What should be checked regularly in distribution transformers?

- a) Paint color
- b) Oil level and leakage
- c) Building height
- d) Consumer bills

Q10. A fuse protects electrical circuits from:

- a) High temperature only
- b) Excess current
- c) Low voltage
- d) Moisture

Q11. Which maintenance activity involves checking equipment condition before failure occurs?

- a) Breakdown maintenance
- b) Corrective maintenance
- c) Preventive maintenance
- d) Emergency maintenance

Q12. Overloaded conductors may cause:

- a) Better efficiency
- b) Heating and damage
- c) Voltage improvement
- d) Reduced current flow

Q13. Before maintenance work, equipment should be:

- a) Energized
- b) Isolated and made safe
- c) Loaded fully
- d) Painted

Q14. Which of the following is a PPE item?

- a) Notebook
- b) Safety helmet
- c) Calculator
- d) Clipboard

Q15. The first step after noticing an electrical hazard is:

- a) Ignore it
- b) Report and control the hazard
- c) Continue working
- d) Remove warning signs

Q16. Safety gloves are mainly used to:

- a) Improve grip only
- b) Protect hands from injury and shock
- c) Increase speed of work
- d) Reduce sweating

Q17. Lockout/Tagout procedures are used to:

- a) Increase production
- b) Prevent accidental energization
- c) Measure voltage
- d) Repair tools

Q18. Fire caused by electrical equipment should be extinguished using:

- a) Water only
- b) Sand only
- c) Suitable electrical fire extinguisher
- d) Oil

Q19. Housekeeping at the workplace helps:

- a) Increase hazards
- b) Reduce accidents
- c) Delay work
- d) Increase maintenance cost

Q20 What is the emergency number commonly used for emergency response in India?

- a) 100 only
- b) 101 only
- c) 112
- d) 1098