

Lineman Distribution Technician

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 preventive maintenance of distribution lines?

- a) Increase electricity tariff
- b) Reduce power losses and failures
- c) Increase transformer size
- d) Replace poles frequently

Q2. Which instrument is commonly used to check line voltage?

- a) Megger
- b) Voltmeter
- c) Thermometer
- d) Vernier caliper

Q3. Before starting maintenance work on a live line, workers should:

- a) Begin work immediately
- b) Obtain proper permit and isolate supply if required
- c) Remove safety signs
- d) Ignore safety procedures

Q4. Damaged insulators may cause:

- a) Improved efficiency
- b) Short circuits and leakage current
- c) Reduced voltage drop
- d) Better power factor

Q5. Which component supports overhead conductors?

- a) Fuse
- b) Pole
- c) Capacitor
- d) Relay

Q6. A snapped conductor should be:

- a) Left unattended
- b) Repaired or replaced immediately
- c) Covered with tape only
- d) Ignored if power is available

Q7. Which PPE is essential while climbing electric poles?

- | | |
|----------------|----------|
| a) Safety belt | b) Tie |
| c) Sandals | d) Scarf |

Q8. The purpose of earthing in distribution systems is:

- | | |
|--------------------------------------|--------------------------|
| a) Increase voltage | b) Improve appearance |
| c) Protect against electrical faults | d) Reduce conductor size |

Q9. The function of a distribution transformer is to:

- | | |
|-----------------------|--------------------------|
| a) Increase frequency | b) Convert AC to DC |
| c) Step down voltage | d) Increase current only |

Q10. An 11/0.433 kV transformer steps down voltage from:

- | | |
|-------------------|-------------------|
| a) 11 kV to 433 V | b) 433 V to 11 kV |
| c) 220 V to 11 kV | d) 33 kV to 11 kV |

Q11. Transformer oil is mainly used for:

- | | |
|-----------------------|---------------------------|
| a) Lubrication only | b) Cooling and insulation |
| c) Coloring equipment | d) Cleaning conductors |

Q12. Which device protects a transformer from excessive current?

- | | |
|--------------|-----------------|
| a) Ammeter | b) Fuse |
| c) Voltmeter | d) Energy meter |

Q13. What should be checked regularly in a transformer?

- | | |
|---------------------|------------------|
| a) Oil level | b) Paint color |
| c) Pole height only | d) Building size |

Q14. The LT side voltage of a distribution transformer is generally:

- | | |
|----------|----------|
| a) 11 kV | b) 33 kV |
| c) 433 V | d) 66 kV |



Q15. Which instrument measures current?

- a) Ammeter
- b) Wattmeter
- c) Megger
- d) Lux meter

Q16. Excessive heating in a transformer may indicate:

- a) Normal operation
- b) Overloading or fault
- c) Good insulation
- d) Proper cooling

Q17. Which of the following is NOT PPE?

- a) Helmet
- b) Gloves
- c) Safety shoes
- d) Calculator

Q18. Before touching an electrical circuit, it should be:

- a) Energized
- b) Tested and isolated
- c) Painted
- d) Washed

Q19. Electric shock can occur when:

- a) Touching a live conductor
- b) Wearing gloves
- c) Using insulated tools
- d) Following procedures

Q20 Which fire extinguisher is suitable for electrical fires?

- a) Water extinguisher
- b) Sand bucket only
- c) CO₂ extinguisher
- d) Foam extinguisher only