

Smart Meter Installation 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 function of a Smart Energy Meter?

- a) Measure water consumption
- b) Measure and communicate electricity consumption
- c) Measure gas flow
- d) Control room temperature

Q2 Before installing a smart energy meter, the technician should:

- a) Ignore wiring diagrams
- b) Verify power supply and installation requirements
- c) Remove safety devices
- d) Start testing immediately

Q3. Which communication technology is commonly used in smart energy meters?

- a) Wi-Fi/GSM/RF
- b) Bluetooth speaker
- c) Infrared remote only
- d) DVD drive

Q4. If a smart meter is not transmitting data, the first step is to check:

- a) Paint color
- b) Communication network connection
- c) Building design
- d) Meter packaging

Q5. During troubleshooting, a technician should use:

- a) Proper testing instruments
- b) Guesswork
- c) Random replacement
- d) Unapproved tools

Q6. A smart water meter is used to:

- a) Measure electricity usage
- b) Measure and monitor water consumption
- c) Detect gas leakage only
- d) Control water pumps

Q7. During installation, the water flow direction should:

- a) Match the arrow mark on the meter
- b) Be ignored
- c) Be reversed
- d) Be random

Q8. Leakage around a water meter connection may be caused by:

- a) Loose fittings
- b) Correct installation
- c) Proper sealing
- d) Normal operation

Q9. Which parameter is monitored by a smart water meter?

- a) Water consumption
- b) Voltage
- c) Gas pressure
- d) Frequency

Q10. The primary purpose of a smart gas meter is to:

- a) Measure electricity
- b) Measure gas consumption
- c) Measure water level
- d) Measure humidity

Q11. Before working on a gas meter, the technician must:

- a) Follow safety procedures
- b) Ignore gas leaks
- c) Use open flames
- d) Remove safety equipment

Q12. A gas leak should be:

- a) Ignored
- b) Reported and addressed immediately
- c) Covered with cloth
- d) Left for inspection later

Q13. Which device may be used to detect gas leakage?

- a) Gas detector
- b) Hammer
- c) Measuring tape
- d) Screwdriver

Q14. Which instrument is used to check the presence of voltage?

- a) Hammer
- b) Spanner
- c) Measuring tape
- d) Voltage tester or multimeter

Q15. Which of the following is a safe work practice?

- a) Wearing required PPE
- b) Ignoring warning signs
- c) Using damaged tools
- d) Blocking emergency exits

Q16. In case of an electrical accident, the first action should be:

- a) Touch the victim immediately
- b) Disconnect power safely and seek help
- c) Run away
- d) Ignore the incident

Q17. Fire extinguishers should be used:

- a) According to safety training and procedures
- b) For cleaning equipment
- c) Only by visitors
- d) To cool machines

Q18. Why is customer education important after installing a smart meter?

- a) To explain meter usage, safety, and billing information
- b) To sell unrelated products
- c) To collect donations
- d) To change house wiring unnecessarily

Q19. What does "kWh" represent?

- a) Energy consumed
- b) Voltage
- c) Current
- d) Frequency

Q20. Which hazard is most common during smart meter installation?

- a) Electric shock
- b) Water pollution
- c) Noise pollution
- d) Air pollution