

Job Role Name QP Code		Batch Name/Id	
Duration:		Max Marks:	<b>140</b>
Name of Candidate		Candidate Signature	
Assessor Name		Aadhaar Number	
Assessor Signature		Trainer Signature	
TP Name		TC Name	
TP/TC Stamp with Signature		Date	

**Instruction:**

1. All questions are compulsory
2. The question papers consist of MCQ.
3. You will be given 60 minutes
4. Please read all questions carefully
5. There is no negative marking

**TEL/N0111.Lay cable/system wiring and install equipment at customer premises**

**1. What is the first step before laying cables at a customer premises?**

**(5MARKS)**

- A. Paint the walls
- B. Install the modem immediately
- C. Check for obstructions and hazards along the cable route
- D. Measure device color

**2. Why is proper labeling of cables important during installation?**

**(5MARKS)**

- A. To slow down installation
- B. To help identify connections and avoid confusion
- C. To increase cable thickness
- D. To change the cable color

**3. Which tool is commonly used to terminate broadband cables?**

**(5MARKS)**

- A. Crimping tool
- B. Hammer
- C. Screwdriver
- D. Paintbrush

**4. What is the purpose of testing cable connectivity after installation?**

**(5MARKS)**

- A. To decorate the installation area
- B. To increase cable length
- C. To reduce cable weight
- D. To ensure proper signal transmission

**5. When installing equipment at customer premises, what should a technician ensure? (5MARKS)**

- A. Proper mounting, secure connections, and safety compliance
- B. Keeping packaging materials on the floor
- C. Matching device color with walls
- D. Maximizing cable bends

**6. How should cables be routed to ensure long-term reliability? (5MARKS)**

- A. Leave cables loose on the floor
- B. Place near heat sources
- C. Avoid sharp bends and secure with clips or ties
- D. Wrap tightly around corners

**TEL/N0112. Configure customer premises equipment and establish broadband connectivity**

**7. What is the primary purpose of configuring a router at a customer premises? (5MARKS)**

- A. To reduce cable length
- B. To establish broadband network connectivity for devices
- C. To change router color
- D. To increase router weight

**8. Which parameter must be set to secure a broadband connection? (5MARKS)**

- A. Device sticker design
- B. LED display brightness
- C. Strong password and encryption type
- D. Cable color

**9. How does assigning a static IP to a device help in broadband setup? (5MARKS)**

- A. Ensures consistent network access and avoids conflicts
- B. Changes device appearance
- C. Reduces signal strength
- D. Increases cable resistance

**10. What should a technician verify after configuring the customer equipment? (5MARKS)**

- A. Packaging material
- B. Wall paint color
- C. Cable length
- D. Internet speed and connectivity on client devices

**11. Which setting helps reduce interference in a broadband network? (5MARKS)**

- A. Installing extra hardware unnecessarily
- B. Selecting correct Wi-Fi channel and frequency band
- C. Placing cables randomly
- D. Increasing router height beyond specification

**12. Why is updating router firmware important during setup? (5MARKS)**

- A. Increases device weight
- B. Reduces cable flexibility
- C. Ensures security patches and network stability
- D. Changes device color

**TEL/N0113.Troubleshoot and rectify faults**

**13. What is the first step when a customer reports no internet connectivity? (5MARKS)**

- A. Install extra cables
- B. Check physical connections and power supply
- C. Replace the modem immediately
- D. Change device color

**14. Which tool helps detect cable faults in a broadband connection? (5MARKS)**

- A. Cable tester
- B. Screwdriver
- C. Paintbrush
- D. Hammer

**15. If a customer experiences slow internet, what should a technician check first? (5MARKS)**

- A. Wall paint color
- B. Device serial number
- C. Network congestion and signal strength
- D. Packaging material

**16. What action can resolve intermittent broadband disconnections? (5MARKS)**

- A. Replacing all cables randomly
- B. Restarting the modem or router
- C. Ignoring customer complaints
- D. Increasing router height unnecessarily

**17. Which step helps verify that a broadband fault has been successfully rectified? (5MARKS)**

- A. Painting the equipment
- B. Checking cable sticker color
- C. Measuring device dimensions
- D. Testing internet speed and connectivity on multiple devices

**18. How can a technician identify if a customer's device is causing connectivity issues? (5MARKS)**

- A. Repaint the device
- B. Connect a different device to the same network
- C. Disconnect all cables
- D. Replace the device immediately

**TEL/N9105.Follow sustainable practices in telecom infrastructure installation**

**19. Why should a technician segregate electronic waste during broadband installation? (5MARKS)**

- A. To change equipment color
- B. To reduce installation speed
- C. To ensure proper recycling and reduce environmental impact
- D. To increase cable length

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**TEL/Q0102 Version-5.0 Level-4**



**20. What is the benefit of using energy-efficient tools during installation? (5MARKS)**

- A. Reduce overall power consumption
- B. Make installation slower
- C. Increase device weight
- D. Improve cable aesthetics

**21. How can a technician minimize material wastage during broadband setup? (5MARKS)**

- A. Cut cables randomly
- B. Discard all leftover components
- C. Install extra unnecessary hardware
- D. Use pre-planned cable lengths

**22. Which practice reduces carbon footprint during field visits? (5MARKS)**

- A. Driving at maximum speed
- B. Planning optimized travel routes
- C. Making multiple unnecessary trips
- D. Using fuel-heavy vehicles

**23. Why is using renewable-energy-powered equipment at broadband sites important? (5MARKS)**

- A. Makes devices heavier
- B. Reduces network performance
- C. Reduces emissions and promotes sustainability
- D. Increases installation time

**24. How can technicians ensure sustainability in cable management? (5MARKS)**

- A. Avoid excessive cable use and recycle leftover materials
- B. Use unnecessary additional hardware
- C. Leave cables exposed outdoors
- D. Discard all extra cables

**DGT/VSQ/N0101.Employability Skills (30 Hours)**

**25. Which skill helps a technician explain technical issues clearly to customers? (2MARKS)**

- A. Using complex jargon
- B. Active listening
- C. Ignoring queries
- D. Speaking very fast

**26. Why is teamwork important for a broadband technician? (3MARKS)**

- A. Enhances work efficiency and knowledge sharing
- B. Increases conflicts
- C. Reduces coordination
- D. Limits learning opportunities

**27. How does time management improve a technician's productivity? (3MARKS)**

- A. Delaying critical work
- B. Completing tasks within deadlines
- C. Increasing idle time
- D. Ignoring urgent calls

**28. Which soft skill is essential for handling customer complaints professionally? (4MARKS)**

- A. Aggressive behavior
- B. Impatience
- C. Blame shifting
- D. Empathy

**29. Why is continuous learning important in the broadband technology field? (4MARKS)**

- A. Technologies remain unchanged
- B. Helps keep skills updated with latest technologies
- C. Reduces job responsibility
- D. Makes work monotonous

**30. How does effective communication benefit a technician in a team? (4MARKS)**

- A. Limits information sharing
- B. Causes confusion
- C. Improves collaboration and reduces misunderstandings
- D. Slows down task completion

## ANSWER KEY

1	C	11	B	21	D
2	B	12	C	22	B
3	A	13	B	23	C
4	D	14	A	24	A
5	A	15	C	25	B
6	C	16	B	26	A
7	B	17	D	27	B
8	C	18	B	28	D
9	A	19	C	29	B
10	D	20	A	30	C