Job Role Name QP Code		Batch Name/Id	
Duration:		Max Marks:	**170**
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/N4122.Carry out installation and wiring of wireless communication equipment

1. What is the primary purpose of checking antenna alignment during wireless equipment installation? **(6Marks)**
A. Increase cable length
B. Change device appearance
C. Improve signal strength and coverage
D. Reduce equipment weight

2. Which tool is commonly used to measure signal levels while installing wireless communication equipment? **(6Marks)**
A. Spectrum analyzer
B. Vacuum cleaner
C. Torque wrench
D. Paintbrush

3. Why is proper grounding essential when wiring wireless communication devices? **(6Marks)**
A. To increase device temperature
B. To shorten cable lifespan
C. To decorate the installation area
D. To prevent electrical hazards and equipment damage

4. What should a technician verify before connecting power to a wireless unit? **(6Marks)**
A. Correct wiring sequence and voltage rating
B. Packaging material type

C. Color of the mounting wall
D. Device serial number font

5. During installation, what helps minimize signal interference in wireless systems? **(6Marks)**
A. Increasing cable bends
B. Maintaining adequate separation from noise-generating devices
C. Reducing the number of connectors
D. Placing antennas near metal obstacles

TEL/N4123.Configure equipment and establish wireless network connectivity

6. What is the primary purpose of configuring SSID settings on a wireless access point?(6Marks)
A. To change device color
B. To increase antenna height
C. To identify the wireless network for client devices
D. To reduce router weight

7. Which parameter must be correctly set to secure a wireless network connection? **(6Marks)**
A. Packaging material
B. WPA2/WPA3 encryption
C. LED brightness
D. Wallpaper theme

8. What helps ensure stable connectivity when connecting a device to a Wi-Fi network?(6Marks)
A. Using mismatched frequency bands
B. Changing the device name color
C. Turning off the access point
D. Entering the correct network password

9. Why is channel selection important during wireless network configuration? **(6Marks)**
A. It reduces network interference
B. It shortens cable length
C. It improves device appearance
D. It increases router temperature

10. During setup, what should a technician check to verify successful wireless connectivity?
(6Marks)
A. Router sticker design
B. Fan speed settings
C. Network signal status and IP assignment
D. Cable color pattern

TEL/N4124.Diagnose and rectify wireless network faults

11. What is the first step when diagnosing weak Wi-Fi signals in a customer's premises?

(6Marks)

A. Remove all connected clients
B. Reinstall the operating system

C. Replace all network devices

D. Check for physical obstructions and signal interference sources

12. Which tool helps identify channel congestion during wireless fault diagnosis?   (6Marks)
A. Electric drill
B. Torque wrench
C. Channel analyzer
D. Barcode scanner

13. If a device frequently disconnects from the Wi-Fi network, what should a technician check first?   (6Marks)
A. Battery sticker information
B. Color of network cables
C. The device wallpaper
D. Network coverage and signal strength

14. What is a common cause of slow wireless network speed?   (6Marks)
A. Resetting the device properly
B. High interference from nearby networks
C. Using the correct antenna type
D. Installing fewer access points

15. When a router stops responding, which basic troubleshooting action often restores connectivity?   (6Marks)
A. Increasing antenna height unnecessarily
B. Changing router color
C. Restarting the router
D. Applying new stickers

TEL/N4125.Install, test, and maintain UPS and domestic power supply

16. What is the primary purpose of a UPS in a domestic or wireless setup?   (6Marks)
A. Store network passwords
B. Provide backup power during outages
C. Reduce device color variation
D. Increase cable length

17. Before installing a UPS, what should a technician verify?   (6Marks)
A. Correct input voltage and load capacity
B. Device serial number font
C. Outer casing color
D. Packaging material type

18. Which test ensures that the UPS is functioning correctly after installation?   (6Marks)
A. Testing fan speed
B. Checking the device wallpaper
C. Counting cable bends
D. Measuring battery voltage and performing load test

19. How can a technician prolong the life of UPS batteries? **(6Marks)**
A. Frequently overloading the UPS
B. Regularly charging and avoiding deep discharge
C. Keeping the device unplugged for long periods
D. Painting the UPS casing

20. During maintenance, what should be checked to prevent UPS failure? **(6Marks)**
A. Tightness of electrical connections and battery health
B. Device color scheme
C. Cable packaging
D. Device sticker placement

TEL/N9105.Follow sustainable practices in telecom infrastructure installation

21. Why should technicians segregate electronic waste after installation? **(6Marks)**
A. To reduce installation time
B. To change device color
C. To ensure proper recycling and reduce environmental impact
D. To increase cable length

22. What is the benefit of using energy-efficient tools during telecom installation? **(6Marks)**
A. Reduce overall power consumption
B. Improve device aesthetics
C. Reduce cable flexibility
D. Increase device weight

23. How can technicians minimize material wastage during installation? **(6Marks)**
A. Discarding all leftover components
B. Installing extra unnecessary hardware
C. Cutting cables randomly
D. Using pre-planned cable lengths

24. Which practice helps reduce the carbon footprint during field visits? **(6Marks)**
A. Planning optimized travel routes
B. Driving at maximum speed
C. Using fuel-heavy vehicles
D. Making multiple unnecessary trips

25. Why is it important to use renewable-energy-powered equipment at telecom sites? (6Marks)
A. Makes devices heavier
B. Reduces emissions and promotes sustainability
C. Reduces network range
D. Increases installation time

DGT/VSQ/N0102.Employability Skills (60 Hours)

26. Which skill helps a technician communicate technical issues effectively to clients? (4Marks)
A. Speaking very fast
B. Ignoring queries

C. Using complex jargon
D. Active listening

27. Why is teamwork important for a wireless technician?　　　　　(4Marks)
A. Limits learning opportunities
B. Enhances work efficiency and knowledge sharing
C. Increases conflicts
D. Reduces coordination

28. How does time management benefit a technician during field tasks?　　　　　(4Marks)
A. Completing jobs within deadlines
B. Increasing idle time
C. Ignoring urgent calls
D. Delaying critical tasks

29. Which soft skill is essential for handling customer complaints professionally?　　　　　(4Marks)
A. Aggressive behavior
B. Blame shifting
C. Empathy
D. Impatience

30. Why is continuous learning important in the wireless technology field?　　　　　(4Marks)
A. Helps keep skills updated with latest technologies
B. Reduces job responsibility
C. Makes work monotonous
D. Technologies remain unchanged

ANSWER KEY

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