

Technician 5G – Active Network Installation

TEL/Q6213 Version-3.0 Level-4

Job Role Name QP Code		Batch Name/Id	
Duration:		Max Marks:	140
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/N6104.Carry out Rack Level Installation

1. What is the primary purpose of a rack layout plan in 5G installation? (5Marks)

- A. Reducing cable color variety
- B. Increasing rack height
- C. Improving wall appearance
- D. Ensuring proper equipment placement

2. Why is grounding important during rack installation? (5Marks)

- A. Makes rack heavier
- B. Adds brightness to cables
- C. Prevents electrical hazards
- D. Enhances rack design

3. Which tool is essential for tightening rack-mounted equipment? (5Marks)

- A. Feather duster
- B. Magnet stick
- C. Paintbrush
- D. Torque wrench

4. Why must airflow be checked around 5G active equipment in a rack? (5Marks)

- A. To improve room lighting
- B. To increase device color contrast
- C. To maintain proper ventilation
- D. To cool floor tiles

5. Which document is used to verify correct rack installation steps? (5Marks)

- A. Magazine article
- B. Installation checklist

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- C. Weather report
- D. Travel guide

6. What ensures stable mounting of 5G equipment in racks? (5Marks)

- A. Adding extra paint layers
- B. Random screw tightening
- C. Using decorative accessories
- D. Proper alignment and fastening

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6. What is the primary purpose of installing 5G active equipment at the site? (5Marks)

- A. To increase power bills
- B. To store extra cables
- C. To improve room temperature
- D. To enable high-speed network connectivity

8. Which component connects the 5G radio unit to the baseband unit? (5Marks)

- A. Plastic rope
- B. Water hose
- C. Oil pipe
- D. Fiber optic cable

9. Why must the power supply be verified before activating 5G equipment?(5Marks)

- A. To brighten display screens
- B. To reduce noise levels
- C. To change cable colors
- D. To ensure stable operation

10. What is the purpose of configuring the 5G node parameters? (5Marks)

- A. To ensure optimal network performance
- B. To customize device wallpapers
- C. To decrease fan rotation
- D. To reduce equipment weight

11. Which tool is commonly used for checking signal levels during installation? (5Marks)

- A. Paint roller
- B. Mop handle
- C. Spectrum analyzer
- D. Screwdriver

12. Why is site acceptance testing important after installation? (5Marks)

- A. To increase equipment height
- B. To verify network performance
- C. To clean the equipment room
- D. To compare paint quality

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TEL/N6246. Follow the Occupational Health and Safety Instructions during Tower Climbing

13. Why must a technician perform a pre-climb safety check before tower climbing? (5Marks)

- A. To reduce climbing time
- B. To ensure all PPE is in proper condition
- C. To improve tower paint
- D. To check tower color

14. Which safety device prevents a fall during tower climbing? (5Marks)

- A. Measuring tape
- B. Paint sprayer
- C. Cable marker
- D. Safety harness

15. Why is it important to maintain three-point contact while climbing? (5Marks)

- A. To keep hands warm
- B. To climb faster
- C. To take better photos
- D. To ensure stability and prevent slips

16. What should a technician do before climbing in rainy or stormy weather? (5Marks)

- A. Start painting
- B. Postpone the climb
- C. Proceed quickly
- D. Increase cable tension

17. Which equipment is used to safely descend the tower during emergencies? (5Marks)

- A. Toolbox
- B. Rope saw
- C. Emergency descent kit
- D. Cable tie

18. Why is communication important between the climber and the ground team? (5Marks)

- A. To plan lunch
- B. To choose cable colors
- C. To keep track of climb progress and safety
- D. To discuss tower height

TEL/N9105. Follow sustainable practices in telecom infrastructure installation

19. What is the main purpose of using energy-efficient equipment in telecom sites? (5Marks)

- A. To increase tower height
- B. To reduce power consumption

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- C. To add decorative lighting
- D. To change equipment color

20. Why should technicians segregate telecom waste at the installation site?

(5Marks)

- A. To store waste longer
- B. To reuse harmful waste
- C. To improve environmental safety
- D. To increase site population

21. Which practice reduces carbon emissions during telecom installation? (5Marks)

- A. Leaving engines running
- B. Using shared transportation
- C. Carrying extra heavy tools
- D. Avoiding travel planning

22. Why is water conservation important at telecom tower sites?

(5Marks)

- A. To dry equipment quickly
- B. To increase dust on surfaces
- C. To reduce unnecessary usage
- D. To avoid cleaning tools

23. What is the purpose of using recyclable packaging for telecom equipment?

(5Marks)

- A. To add weight to transport
- B. To reduce equipment lifespan
- C. To prevent environmental pollution
- D. To increase cost

24. Which action supports sustainable use of materials during installation?(5Marks)

- A. Buying new items unnecessarily
- B. Storing unused materials outdoors
- C. Discarding tools after one use
- D. Reusing suitable cables and accessories

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

25. Which skill helps a technician complete tasks efficiently and on time? (3Marks)

- A. Painting skills
- B. Random guessing
- C. Tower color checking
- D. Time management

26. Which behavior is important to maintain good teamwork at a telecom site?

(3Marks)

- A. Frequent arguing
- B. Cooperative attitude
- C. Working in isolation
- D. Ignoring colleagues

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27. Which communication skill is essential when reporting installation progress?

(3Marks)

- A. Clear verbal communication
- B. Whispering
- C. Using gestures only
- D. Shouting loudly

28. Which trait helps a technician adapt to new 5G equipment and tools? (3Marks)

- A. Avoiding updates
- B. Continuous learning
- C. Slow response
- D. Overconfidence

29. Which ability helps resolve technical issues during network installation?

(4Marks)

- A. Leaving tasks incomplete
- B. Problem-solving
- C. Random trial
- D. Ignoring guidelines

30. What approach helps a technician grow professionally in telecom operations?

(4Marks)

- A. Taking unplanned leaves
- B. Skipping training sessions
- C. Continuous skill development
- D. Rejecting feedback

Answer Key

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