

Optical Fiber Splicer
TEL/Q6400 Version-5.0 Level-3



Job Role Name QP Code		Batch Name/Id	
Duration:		Max Marks:	80
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/N6400.Splice Optical Fiber

1. **Which process aligns two optical fiber cores for joining?** **3Marks**
A. Threading
B. Cabling
C. Crimping
D. Splicing
2. **Which splice type uses electric arc to fuse fiber ends?** **3Marks**
A. Clip joint
B. Mechanical splice
C. Ribbon tie
D. Fusion splice
3. **Which tool prepares the fiber by removing coating?** **3Marks**
A. Screwdriver
B. Fiber stripper
C. Cable tie
D. Hammer
4. **What ensures minimum light loss at the splice point?** **3Marks**
A. Extra heating
B. Thick coating
C. Loose fitting
D. Proper alignment
5. **Which parameter indicates splice performance?** **3Marks**
A. Jacket size
B. Tube count
C. Cable color
D. Splice loss
6. **Which device measures splice loss in optical fibers?** **3Marks**
A. Multimeter

- B. OTDR
- C. Ohmmeter
- D. Megger
- 7. **What must be done before fusion splicing?** **3Marks**
 - A. Clean fiber ends
 - B. Heat insulation
 - C. Add metal glue
 - D. Paint the fiber
- 8. **What keeps fibers stable inside a mechanical splice?** **3Marks**
 - A. Hot glue
 - B. Index-matching gel
 - C. Metal pin
 - D. Rubber wrap
- 9. **Which step is necessary after completing a splice?** **3Marks**
 - A. Protective sleeve heating
 - B. Spray coating
 - C. Metal welding
 - D. Cable hammering
- 10. **What is the primary cause of high splice loss?** **3Marks**
 - A. Cable color
 - B. Loose clamps
 - C. Poor cleaving
 - D. Long jacket

TEL/N6401.Test Effectiveness and Record Test Results

- 11. **Which tool is mainly used to check fiber link quality?** **3Marks**
 - A. Cable cutter
 - B. Crimper
 - C. Heat gun
 - D. OTDR
- 12. **What does a high reflectance value indicate in fiber testing?** **3Marks**
 - A. Proper heating
 - B. Dirty connector
 - C. Strong jacket
 - D. Good fusion
- 13. **Which parameter shows the total optical loss in a link?** **3Marks**
 - A. Color code
 - B. Attenuation
 - C. Jacket size
 - D. Loop count
- 14. **What should be done before recording test results?** **3Marks**
 - A. Remove cable ties
 - B. Add gel coating
 - C. Heat the splice
 - D. Clean connectors
- 15. **Which record helps compare present and past test values?** **3Marks**
 - A. Fiber reel list
 - B. Route map

- C. Test log
- D. Packing sheet

16. **Which unit is commonly used to express fiber loss?** **3Marks**
- A. Newton
 - B. Ampere
 - C. Decibel
 - D. Lumen
17. **What indicates a possible bend or break in OTDR trace?** **3Marks**
- A. Sharp dip
 - B. Smooth line
 - C. Dark display
 - D. Thick spike
18. **Which document stores final verified measurement data?** **3Marks**
- A. Work permit
 - B. Safety chart
 - C. Test report
 - D. ID card list
19. **What improves accuracy during fiber testing?** **3Marks**
- A. Use long cables
 - B. Extra wrapping
 - C. Heavy sleeves
 - D. Clean test ports
20. **Why are test results recorded after splicing?**
- A. Change color codes
 - B. Reduce cable weight
 - C. Track performance
 - D. Increase jacket size

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

21. **Which skill helps a splicer communicate updates clearly to the team?** **2Marks**
- A. Color sorting
 - B. Active listening
 - C. Cable polishing
 - D. Line trenching
22. **Which trait reflects professional behavior at a job site?** **2Marks**
- A. Timely reporting
 - B. Random shifting
 - C. Casual routing
 - D. Free roaming
23. **Which digital tool is commonly used to share test reports?** **2Marks**
- A. Paint
 - B. Email
 - C. Calendar
 - D. Recorder
24. **Which skill helps solve issues during fiber link testing?** **2Marks**
- A. Guesswork
 - B. Problem-solving

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- C. Cable wrapping
D. Route tracing
25. **Which quality builds trust with supervisors and clients?** **2Marks**
A. Integrity
B. Rough handling
C. Quick shifting
D. Fast roaming
26. **Which document is required for employment verification?** **2Marks**
A. ID proof
B. Cable chart
C. Route sheet
D. Sleeve count
27. **Which skill helps a splicer manage daily tasks efficiently?** **2Marks**
A. Free cabling
B. Random searching
C. Manual digging
D. Time management
28. **Which habit improves workplace safety and teamwork?** **2Marks**
A. Silent working
B. Speedy walking
C. Clear communication
D. Extra roaming
29. **Which attitude helps handle customer queries effectively?** **2Marks**
A. Polite response
B. Sharp reply
C. Quick escape
D. Loud reaction
30. **Which skill is essential for adapting to new fiber technologies?** **2Marks**
A. Continuous learning
B. Extra tightening
C. Heavy lifting
D. Cable marking

Answer Key

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