

Theory Questions for Optical Fiber Splicer

Difficulty Level/Marks- Easy/Marks, Medium/Marks, Difficult/Marks

Q.1 Suppose you have installed the optical fiber cable what are the necessary things must be cross check after installation of cable? [Hard/6]

- A. verification of cable installation
- B. Visually inspection of sheath damage
- C. Checking of bend ratios
- D. All of the above

Correct Answer: D

Q.2 What are the necessary things that we have to keep in mind before preparing cable for splicing operations? [Hard/6]

- A. Check damages if any in cable & secure cable from sheath damage
- B. Check bend ratios & appropriate fiber to be joined on color coding and sequence
- C. Check joint chamber location
- D. All of the above

Correct Answer: D

Q.3 Identify the below image? [Easy/1]



- A. OTDR
- B. FDF
- C. Splicer
- D. Cleaver

Correct Answer: A

Q.4 Identify the below image? [Easy/1]



- A. Connectors
- B. Joint Closure
- C. Splicer
- D. Clever

Correct Answer: B

Q.5 Suppose you work as technician and given work for installation of optical fiber, name the equipment that will you carry with yourself during installation?

(I) Pigtailed,(II) Patch cords,(III) Heat shrinks,(IV) Protection sleeves [Easy/2]

- A. All (I), (II), (III), (IV)
- B. Only (I)
- C. Only (II)
- D. Only (III)

Correct Answer: A

Q.6 As an optical fiber technician which device will you use for continuous power supply at site during splicing operation at site? [Easy/1]

- A. Portable generators
- B. Heavy-duty batteries
- C. Both (A) & (B)
- D. Only (A)

Correct Answer: C

Q.7 As per specifications we have to check the availability of following tools and spare at optical fiber installation site, identify the correct tools? [Easy/3]

- A. RCC joint chambers with covers
- B. sand for filling the chambers
- C. spare cable drum
- D. All of the above

Correct Answer: D

Q.8 Suppose you work as an optical fiber technician, what are the activities/condition will you make sure available on site before starting of splicing operations?

(I) Working environment should be cleaned.,(II) Ensure cables are stripped off their protective coating.,(III) Make sure site is safe for work. [Medium/4]

- A. Only (I)
- B. All (I), (II), (III)
- C. Only (II)
- D. Both (I)& (III)

Correct Answer: B

Q.9 Which device will you use to check and make sure optical fiber is appropriate for installation? [Medium/4]

- A. Precision cleaver
- B. Magnifier
- C. Both (A) & (B)
- D. None of these

Correct Answer: C

Q.10 If you align the fibers together by a precision made sleeve and place the prepared fiber in mechanical splicing kit, what types of splicing it is called? [Easy/2]

- A. Mechanical splice
- B. Fusion splicing
- C. Only (B)
- D. None of these.

Correct Answer: A

Q.11 Suppose you are given the work to verify the spliced fiber for appropriate splicing, which equipment will you use for it? [Easy/1]

- A. Magnifier window
- B. OTDR
- C. mechanical splice
- D. None of these.

Correct Answer: A

Q.12 Which of the following equipment is used to test joints of optical fiber and conformance to design requirements? [Medium/4]

- A. OTDR
- B. Magnifier window
- C. Mechanical splice,
- D. None of these.

Correct Answer: A

Q.13 If there is loss in optical fiber cable, the loss of a fiber optic connector is defined as [Easy/3]

- A. The calculated loss due to geometric misalignment
- B. The loss of the connector mated to another connector
- C. One-half the loss of a mated pair of connectors
- D. The loss of a statistical sample of connectors

Correct Answer: B

Q.14 Suppose as an optical fiber technician you observed looses in optical fiber cable, what method will you use to rectify/resolve it? [Medium/4]

- A. Heat shrinking
- B. Multi diameter seals
- C. Mechanical seals
- D. All of these

Correct Answer: D

Q.15 Suppose you have rectify/resolved the insertion loss in optical fiber, which test instrument(s) are used for insertion loss testing? [Easy/2]

- A. OLTS or light source and power meter
- B. VFL
- C. OTDR
- D. All of these.

Correct Answer: A

Q.16 For joint closure, it is important to fill chamber withto the brim and chamber covers are placed. [Easy/3]

- A. water
- B. cement
- C. Sand
- D. None of these

Correct Answer: c

Q.17 If you are working as an optical fiber technician Joint indicator is planted _____ behind the chamber location. [Easy/3]

- A. 2 meter away from road.
- B. 5 meter near road.
- C. 1 meter away from road.
- D. 3 meter near road.

Correct Answer: C