

Theory Questions for Grass Root Telecom Provider

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

Q.1 As an ONT site custodian, which of the following comes under your scope of work?

1. Site security and hygiene
2. Preventive maintenance of ONT
3. Keeping the ONT operational 24x7 [Hard/7]

- A. 1 & 2
- B. 2 & 3
- C. 1, 2 & 3
- D. 1 & 3

Correct Answer: C

Q.2 As an Optical Network Terminal (ONT) site custodian, if you come to know that due to heavy winds and rain, power supply would not be available for the next 3 days, you should send a request to Optical Line Terminal (OLT) supervisor for an extra - [Easy/3]

- A. Central Control Unit (CCU)
- B. Special Purpose Vehicle (SPV)
- C. Telephone Junction Box (TJB)
- D. Battery bank

Correct Answer: D

Q.3 In order to verify if the charge controller unit is working properly which of the following instruments should be used? [Easy/3]

- A. Multimeter
- B. Coax Cable Continuity Tester
- C. Ohm Meter
- D. CCTV Tester

Correct Answer: A

Q.4 Excessive bending of fibre-optic cables should be avoided due to all of the following reasons except which one? [Easy/2]

- A. To increase light attenuation
- B. To minimize micro bending losses
- C. To avoid mechanical destruction
- D. To minimize macro bending losses

Correct Answer: A

Q.5 Which of the following fire extinguishers can be used for class A, B, C, D, and E type of fires? [Easy/2]

- A. Water
- B. Carbon Dioxide
- C. Foam
- D. Dry powder

Correct Answer: D

Q.6 Which of the following guidelines should you follow while testing the state of health (SOH) of the CCU by measuring the operating current using a multimeter? [Hard/7]

- A. Connect the -ve lead of multimeter with the +ve cable of CCU
- B. Full battery will give a low or zero reading
- C. Connect the -ve lead of multimeter with the -ve battery terminal.
- D. The reading given by the multimeter is the current that is passing from the battery to CCU

Correct Answer: B

Q.7 All of the following tests should be done on SPV, CCU, and batteries for preventive maintenance, except which one? [Easy/3]

- A. Continuity of Grounding System
- B. Check Fuses in Combiner Boxes
- C. Check Data Loss
- D. Open Circuit Voltage

Correct Answer: C

Q.8 Which of the following connections should you check if the battery is not getting charged? [Easy/3]

- A. 1
- B. 2
- C. 3
- D. 1 & 2

Correct Answer: D

Q.9 While testing the CCU operating current on which of the following should you set the regulator of the multimeter? [Easy/3]

- A. 6
- B. 7
- C. 8
- D. 15

Correct Answer: D

Q.10 The minimum bend radius of Multi-Fiber Push On (MPO) patch cable is _____ times the cord diameter. [Easy/2]

- A. 10
- B. 15
- C. 5
- D. 20

Correct Answer: A

Q.11 Which of the following problems should you escalate to the OLT supervisor that cannot be handled at your end? [Hard/6]

- A. Loose connections
- B. Short circuit in SPV
- C. Broken optical fibre
- D. Changed alarm settings of CCU

Correct Answer: C

Q.12 Which of the following is used to search information from the World Wide Web? [Easy/3]

- A. Internet browser
- B. Search engines
- C. MS office
- D. Email service provider

Correct Answer: B

Q.13 If a person's query is about the software/application used for opening a PDF file, which of the following should you suggest? [Easy/2]

- A. MS Excel
- B. MS word
- C. Acrobat reader
- D. Notepad

Correct Answer: C

Q.14 If a person complains that his/her mobile data is consumed by other people through mobile hotspot, which of the following suggestions will you give to him/her?

1. Switch off the mobile hotspot when not in use.
 2. Protect your mobile hotspot with a password [Medium/5]
- A. Only 1 and 2
 - B. Only 2 and 3
 - C. Only 1
 - D. Only 2

Correct Answer: A

Q.15 Which of the following commands is used to display all current TCP/IP network configuration values? [Easy/2]

- A. mkdir
- B. ipconfig
- C. chkdsk
- D. bootcfg

Correct Answer: B

Q.16 While collecting the billed amounts from users which of the following should be offered to them? [Easy/1]

- A. Cash back
- B. Payment acknowledgement
- C. Early payment discount
- D. Feedback

Correct Answer: B

