



Free Questions for 4A0-255 by vceexamstest

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Question 1

Question Type: MultipleChoice

Which of the following statements about the management plane data Communications Network (DCN) is correct?

Options:

- A- The management plane DCN uses in-band communication.
- B- The management plane DCN can be connected to each NEs via OSS/OBS interface.
- C- The management plane DCN can be connected to each NEs directly.
- D- The management plane DCN enables direct communication between the NEs.

Answer:

C

Question 2

Question Type: MultipleChoice

Which of the following can be detected through power monitoring with an Optical Time Domain Reflect meter?

Options:

- A- Intrusions on fibers
- B- Power injection one channel
- C- Hacking of L1 encryption
- D- Intrusions in the cryptographic keys

Answer:

B

Question 3

Question Type: MultipleChoice

Which of the following is recommended to reduce the latency of a 30km long link?

Options:

- A- DCM-free amplifiers
- B- Soft-decision FEC
- C- Low-noise amplifiers
- D- L1 encryption

Answer:

C

Question 4

Question Type: MultipleChoice

Suppose that for a given number of buffer credits and for an given average FC frame size, the maximum FC link length is 50 km.

If the average FC frame size is doubled, which of the following is correct?

Options:

- A- The throughput is halved.
- B- Throughput is doubled.
- C- The Throughput is the same,.
- D- The buffer credits need to be adjusted to achieve the maximum throughput.

Answer:

D

Question 5

Question Type: MultipleChoice

What is precision Time Protocol (PTP) designed for?

Options:

- A- Precise time measurements
- B- Synchronization of encryption entities
- C- Shortest path discovery

D- Packet-based timing distribution

Answer:

B

Question 6

Question Type: MultipleChoice

Which if the following statements about Recovery Time Objective (RTO) and Recovery Point Object Point Objective (PRO) is FALSE?

Options:

- A-** RTO/PRO define business continually requirements for data center.
- B-** RTO/PRO defined the acceptable amount of data (in bits) that can be lost after a failure.
- C-** Data center mirroring has the most critical level of RTO.RPO among DC applications.
- D-** Tier data centers have stricter RTO/PRO requirements than Tire .

Answer:

B

Question 7

Question Type: MultipleChoice

Which of the following statements about an alien wavelength at 10G is correct?

Options:

- A- It is an optical signal generated by FWM impairment.
- B- It has similar optical performance across multiple vendors equipment at 10G.
- C- It can be measured by a VAC card.
- D- It does not support Wavelength tracker.

Answer:

B

Question 8

Question Type: MultipleChoice

Which of the following statements about the recovery time for protection and restoration combined (PRC) is correct?

Options:

- A- PRC can be as fast as sub-network connection protection (SNCP)
- B- PRC is as fast as restoration mechanisms.
- C- PRC has a recovery time that depends on the broken links.
- D- PRC has a typical recovery time greater than 50 ms.

Answer:

B

Question 9

Question Type: MultipleChoice

Which of the following statement about guaranteed restriction (GR) in generalized Multiprotocol label Switching (GMPLS) is correct?

Options:

- A-** GR use reestablished backup LSPs with resources reserved and configured.
- B-** GR can achieve 100% survivability for a single-failure scenario only.
- C-** GR does not required the signaling of the fault to trigger the restoration.
- D-** GR calculates a new backup LSP every time a failure occurs.

Answer:

A

Question 10

Question Type: MultipleChoice

Consider an OTN-based network controlled by GMPLS. Which of the following statements is correct?

Options:

- A-** An OCH LSP can be routed through an ODU LSP.

- B-** An ODU LSP can be routed through an OCH LSP.
- C-** An ODU LSP is routed between two photonic layer nodes.
- D-** The routing of the individual ODU frames is based on their label

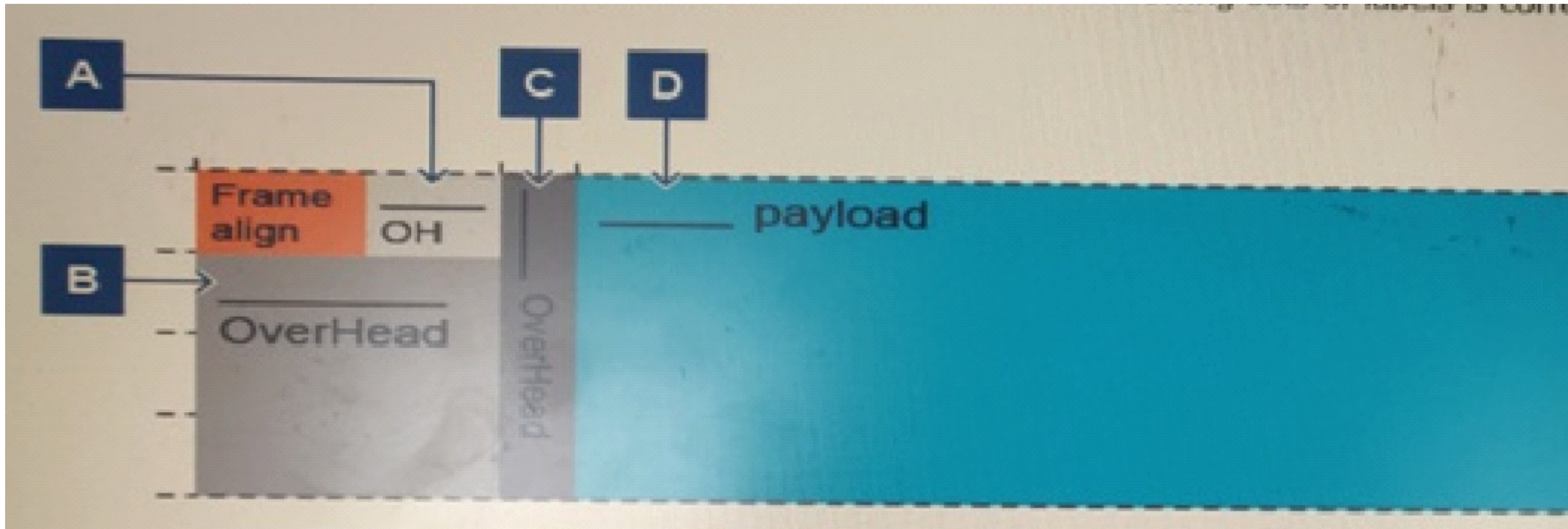
Answer:

D

Question 11

Question Type: MultipleChoice

Consider the exhibit that shows the OTN frame structure . Which of the following sets of label is correct?



Options:

- A- OUT: B: ODU: C: OPU: D: OPU
- B- OUT: B: ODU: C: OPU: D: OCH
- C- OPU: B: OTU: C: ODU: D: OPU
- D- ODU: B: OYU: C: OPU: D: OPU

Answer:

C

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