

Exam Code: 920-503

Exam Name: Optical Multiservice Edge 6500 Operations
and Maintenance

Vendor: Nortel

Version: DEMO

Part: A

1: The Planning Guide is used by strategic and current planners, provisioning personnel, transmission standards engineers and network planners. What information is included in the Planning Guide? (Choose two.)

- A.cable and connectors
- B.corrective workarounds
- C.potential service impacting procedures
- D.software and hardware requirements for the new features

Correct Answers: A D

2: The Optical Multiservice Edge (OME) 6500 is designed to support three categories of services. Which category is associated with flex-rate protocol independent wavelengths?

- A.SONET
- B.Broadband Services
- C.Synchronous Digital Hierarchy (SDH)
- D.Plesiochronous Digital Hierarchy (PDH)

Correct Answers: B

3: What are the five configurations that are supported in the Optical Multiservice Edge (OME) 6500 MSPP?

- A.Protected, 1+1Linear/ 1+1 MSP, 2-Fiber BLSR/MS-SPRing, UPSR/SNCP, and RPR
- B.Protected, 1+1Linear/ 1+1 MSP, 4-Fiber BLSR/MS-SPRing, UPSR/SNCP, and RPR
- C.Unprotected, 1+1Linear/ 1+1 MSP, 4-Fiber BLSR/MS-SPRing, UPSR/SNCP, and RPR
- D.Unprotected, 1+1Linear/ 1+1 MSP, 2-Fiber BLSR/MS-SPRing, UPSR/SNCP, and RPR

Correct Answers: D

4: What is the span of distance between the Optical Multiservice Edge (OME) 6500 systems, before optical electrical optical (OEO) conversion is required?

- A.200 km
- B.800 km
- C.1600 km
- D.2000 km

Correct Answers: D

5: Which two statements concerning the Optical Multiservice Edge (OME) 6500 protection switching are true? (Choose two.)

- A.Protection switching for a UPSR is revertive.
- B.Protection Switching for a UPSR is non-revertive.
- C.Protection switching for a BLSR/MS-SPRing is revertive.
- D.Protection switching for a BLSR/MS-SPRing is non-revertive.

Correct Answers: B C

6: Which two statements concerning Optical Multiservice Edge (OME) 6500 equipment

protection schemes are true? (Choose two.)

- A. 63xE1 circuit packs and 24xDS3 circuit packs have a 1: N revertive scheme.
- B. 63xE1 circuit packs and 24xDS3 circuit packs have a 1+1 non-revertive scheme.
- C. Cross-connect circuit packs and OC 3 / DSM and 84xDS1 circuit packs have a 1: N revertive scheme.
- D. Cross-connect circuit packs and OC 3 / DSM and 84xDS1 circuit packs have a 1+1 non-revertive scheme.

Correct Answers: A D

7: Which is the highest priority of protection switching for the Optical Multiservice Edge (OME) 6500 1+1/MSP configuration?

- A. Auto
- B. Forced
- C. Manual
- D. Lockout

Correct Answers: D

8: When port-based protection switching occurs, only traffic on the faulty port is switched, not traffic on all the ports of the circuit pack. When circuit- pack protection switching occurs, traffic on all the ports of the circuit- pack switch to a protect mode. Which statement about the Optical Multiservice Edge (OME) 6500 protection switching is true?

- A. Traffic switches for the Unprotected and 1+1 / MSP linear schemes are port-based.
- B. Traffic switches for the Unprotected and 1+1 / MSP linear schemes are circuit pack-based.
- C. Traffic switches for the 1+1/MSP linear and 2-Fiber BLSR/MS-SPRing schemes are port-based.
- D. Traffic switches for the 1+1/MSP linear and 2-Fiber BLSR/MS-SPRing schemes are circuit pack-based.

Correct Answers: C

9: Which is the lowest priority of protection switching for the Optical Multiservice Edge (OME) 6500 BLSR/MS-SPRing configuration?

- A. Auto
- B. Manual
- C. Forced
- D. Exerciser

Correct Answers: D

10: Which practice is recommended for cleaning fiber cables?

- A. Attempt to clean a live fiber.
- B. Always reference the proper NTPs.
- C. Connect a fiber first to the equipment.
- D. Attempt to clean the fiber by rubbing it with your finger or on a piece of clean clothing.

Correct Answers: B

11: There are two basic Data Communications Network (DCN) models supported by the Optical

Multiservice Edge (OME) 6500. Which model has a node that acts as the gateway Network Element?

- A.Public IP address model
- B.Private IP address model
- C.Internal IP address model
- D.External IP address model

Correct Answers: B

12: Which Site Manager window is used to perform Optical Multiservice Edge (OME) 6500 DCN provisioning?

- A.the facility window
- B.the node information window
- C.the nodal cross-connection window
- D.the comms setting management window

Correct Answers: D

13: Which Optical Multiservice Edge (OME) 6500 interface port is used for inter-shelf communication?

- A.LAN
- B.VLAN
- C.COLAN A
- D.ILAN IN/ILAN OUT

Correct Answers: D

14: Which statement about the Optical Multiservice Edge (OME) 6500 Dynamic Host Configuration Protocol (DHCP) is true?

- A.It does not support Microsoft windows DHCP clients.
- B.It eliminates the need to manually assign an IP address to the Craft PC.
- C.The DHCP server is enabled with default values, but these can be disabled.
- D.The DHCP server is not supported on the craft Ethernet port (LAN-15 on the shelf processor).

Correct Answers: B

15: Which statement describes the advantages of the Optical Multiservice Edge (OME) 6500 Data Communications Network (DCN) function?

- A.The OME 6500 OAM interfaces and comms provide the limited management of the OME 6500.
- B.The OME 6500 OAM interfaces and comms provide the capability of local management only of the OME 6500 network element.
- C.The OME 6500 OAM interfaces and comms provide the capability of local and remote management of the OME 6500 network element, but does not provide for inter-working with other network elements.
- D.The OME 6500 OAM interfaces and comms provide the capability for local and remote management of the OME 6500 network element, and for inter-working with other network elements to provide a cohesive network management solution.

Correct Answers: D