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 84xDS1circuit packs have a 1: N revertive scheme.

D.Cross-connect circuit packs and OC 3 / DSM and 84xDS1circuit 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