Exam Code: 920-505

Exam Name: Optical Metro 3500 Operations and

Maintenance

Vendor: Nortel

Version: DEMO

Part: A

1: A client has a three-node UPSR network with an OC-12 line rate. What happens to traffic if a signal degrade exceeding 10E-3 bit errors is detected on OC12-12 of Network Element (NE) 1?

A.Add/Drop traffic is lost at NE 1. There is no traffic lost on NE 2 and 3.

B.Add/Drop is selected from OC12-12 at NE 1. NE 2 and 3 select passthrough traffic from NE 1.

C.Add/Drop traffic is selected from OC12-11 at NE 1. NE 2 and 3 select passthrough traffic from NE 1.

D.Add/Drop traffic is selected from OC12-11 at NE 1. NE 2 and 3 do not select passthrough traffic from NE 1.

Correct Answers: D

2: Which statement concerning the Optical Manager 3500 Performance Monitoring (PM) is true?

A.PMs are collected on facilities with an OOS-AU state.

B.PMs are collected only on facilities with an In-Service (IS) state.

C.Key PM parameters are Code Violations for only the Section and the Path.

D.A question mark "?" in a PM field, is a Valid Data Flag (VDF) meaning that the count is reliable.

Correct Answers: B

3: What are the three performance monitoring bins? (Choose three.)

A.1-min

B.15-min

C.1-hour

D.1-day

E.untimed

Correct Answers: B D E

4: A customer is experiencing constant frame errors with DS3 connections through an Optical Metro 3500 shelf. There are no alarms present in the alarms window. In Site Manager, how can the information on this error count be found?

A.Select Error Log under the Faults sub-menu and filter for DS3 errors.

B.Select Active Alarms under the Faults sub-menu and filter for DS3 alarms.

C.Select Facility Poll under the Performance sub-menu and select the appropriate DS3 ports.

D.Select Facility PM Counts under the Performance sub-menu and select the appropriate DS3 ports.

Correct Answers: D

5: A client has a two-node OC-48 Linear 1+1 network. What happens to 2WAY traffic if a Loss of Signal (LOS) is detected on OC48-11 on Network Element (NE) 1?

A.Transmit traffic is switched to OC48-12 at NE 2. Receive traffic is maintained for OC48-11 on NE 2.

B.Transmit traffic is switched to OC48-12 on NE 1. Receive traffic is maintained for OC48-11 on NE 2.

C.Transmit and receive traffic is switched to OC48-12 on NE 2. Transmit traffic is maintained for OC48-11 on

NE1.

D.Transmit and receive traffic is switched to OC48-12 at NE 1. Transmit and receive traffic is switched to

OC48-12 on NE 2.

Correct Answers: D

6: Why should Section Trace be used?

A.to retrieve network map topology by user interface

B.to determine which optical circuit packs are carrying traffic

C.to send messages to users logged in to a remote Network Element (NE)

D.to determine which optical circuit packs are fibered to each other in a network

Correct Answers: D

7: Intrusion attempts on the Optical Metro 3500 network elements are alarmed and displayed when incoming access is attempted but fails due to incorrect user-ID or password. Which minimum User Privilege Code (UPC) security level is required to set intrusion attempts handling?

A.Level 1

B.Level 2

C.Level 3

D.Level 4

Correct Answers: D

8: The Optical Metro 3500 supports multiple security access levels. There are five User Privilege Code (UPC) security levels that allow a range of task execution capabilities. Which minimum level would allow access to provision, test, edit, and retrieve commands?

A.Level 1

B.Level 2

C.Level 3

D.Level 4

Correct Answers: C

9: What is the maximum of network elements a Network Processor (NP) can have in its Span of Control (SOC)?

A.6

B.16

C.18

D.21

Correct Answers: B

10: The Optical Metro 3500 supports multiple security access levels. There are five User Privilege Code (UPC) security levels that allow a range of task execution capabilities. Which minimum level would allow complete access to all commands?

A.Level 1
B.Level 2
C.Level 3
D.Level 4
Correct Answers: D