Question 1

Question Type: MultipleChoice

Which of the following regarding the location of an MPLS label is FALSE?

Options:

A- The MPLS label value may be carried in an ATM header.

B- The MPLS label value may be carried in a shim header.

C- The MPLS label value may be carried in an OSPF header.

D- The MPLS label value may be carried in a Frame Relay header.

Answer:

C

Question 2

Question Type: MultipleChoice

Which of the following about Link TLVs found inside Type 10 Opaque LSAs is FALSE?

Options:

A- Link TLVs are used to advertise administrative group information.

B- Link TLVs are exchanged once RSVP is enabled on the interfaces.

C- Link TLVs are used to advertise router-IDs.

D- Link TLVs are used to advertise bandwidth information.

Answer:

C

Question 3

Question Type: MultipleChoice

Which of the following about an LSP protected with one-to-one FRR is TRUE?

Options:

A- The LSP can use facility and one-to-one FRR simultaneously.

B- The LSP is limited to node protection.

C- A single protection tunnel is used for all LSPs with the same path.

D- A detour protection tunnel is created for the LSP.

Answer:

D

Question 4

Question Type: MultipleChoice

What is the purpose of a T-LDP session?

Options:

A- It allows link LDP to be configured on the edge devices only.

B- It is used to signal the transport labels in the provider core.

C- It allows selective control over which devices are configured for LDP

D- It is used to signal the service labels in the provider core.

Answer:

D

Question 5

Question Type: MultipleChoice

Click on the exhibit.

```
*A:SRC_R2# show router ldp session

=============================================================================
LDP Sessions
=============================================================================
Peer LDP Id         Adj Type    State         Msg Sent  Msg Recv  Up Time
-----------------------------------------------------------------------------
10.10.10.1:0        Link        Established   26        26        0d 00:00:59
-----------------------------------------------------------------------------
No. of Sessions: 1
=============================================================================
*A:SRC_R2#
```

Why might router R2 have a Link LDP session to R1 (10.10.10.1:0) but not to R3 (10.10.10.3:0)?

Options:

A- LDP is not configured on R2.

B- R2 does not have a route to 10.10.10.3.

C- LDP is not configured on R3's interface to R2.

D- The targeted session is not configured on R2.

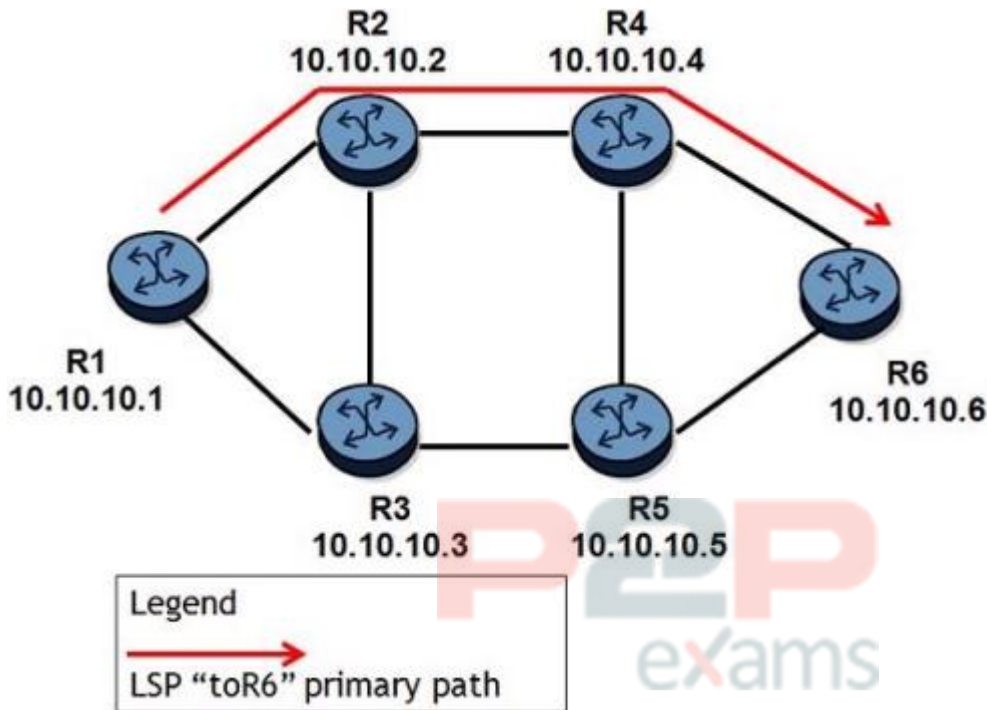## Answer:

C

Question 6

Question Type: MultipleChoice

Click on the exhibit.

An LSP path is established on router R1 toward router R6. If there is a problem on router R4, but the link between R2 and R4 remains up, which of the following will affect the failure detection time?

Options:

A- The time router R2 takes to receive a PATH Error message from router R4.

B- The time router R2 takes to find out a number of RSVP Hello messages have been missed.

C- The time router R2 takes to send a PATH Tear message to the head-end router.

D- The time router R2 takes to receive a PATH message from router R4 after a PATH refresh interval.

Answer:

B

Question 7

Question Type: MultipleChoice

Which MPLS label mode saves label mappings received from all peer LSRs?

Options:

A- Conservative label retention

B- Liberal label retention

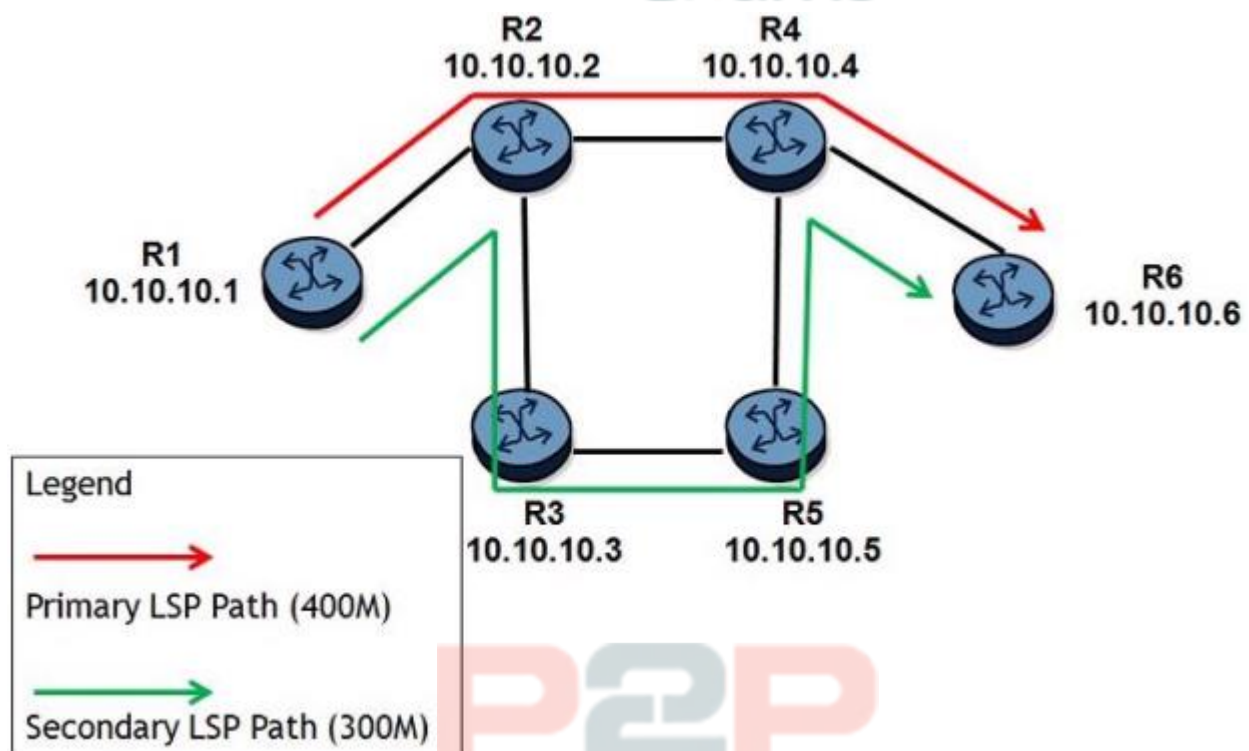C- Downstream on demand

D- Downstream unsolicited

Answer:

B

Question 8

Question Type: MultipleChoice

Click on the exhibit.

All links have 1 Gbps unreserved bandwidth initially. After the LSP's primary and standby secondary paths are signaled, how much bandwidth is reserved on the link between routers R1 and R2?

Options:

A- If Shared Explicit reservation style is used, 400Mbps is reserved.

B- If Shared Explicit reservation style is used, 700Mbps is reserved.

C- If Fixed Filter reservation style is used, 400Mbps is reserved.

D- If Fixed Filter reservation style is used, 300Mbps is reserved.

Answer:

A

Question 9

Question Type: MultipleChoice

Fill in the blanks: A _____device has all interfaces inside the provider domain, and a _____ device has at least one interface outside the provider domain.

Options:

A- PE, P
B- P, PE
C- PE, CE
D- CE, PE
E- CE, P

Answer:

B

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