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```
interface Tunnel-te 10
ipv4 unnumbered Loopb
destination 10.5.5.5
signalled-bandwidth 100
priority 7 7
path-option 1 explicit na
!
explicit-path name testp
index 1 next-address ipv
index 2 next-address ipv
!
mpls traffic-eng
interface GigabitEthern
backup-path tunnel-te 1
```

A.   The backup tunnel-te 10 tunnel is using the highest setup and hold priority settings of 7. B.   The backup tunnel path is learned dynamically. C.   The fast-reroute command is missing under the (config-mpls-te-if)# configuration mode. D.   Interface gi0/0/0/10 is the protected link. Answer: D QUESTION 49 When defining an explicit MPLS TE tunnel path, which two command options are available under the explicit-path configuration mode? (Choose two.) A.   exclude-address B.   include-address C.   next-address D.   dynamic-address Answer: AC QUESTION 50 Which three mechanisms are used to implement MPLS TE? (Choose three.) A.   tunnel interface B.   CSPF C.   RSVP D.   LDP E.   MP-BGP Answer: ABC QUESTION 51 Implementing IPoDWDM interfaces on Cisco CRS routers eliminates the need for which network component? A.   ROADM B.   external transponders C.   electrical-optical-electrical converters D.   electrical cross-connect Answer: B QUESTION 52 What is the correct formula for determining the CIR? A.   CIR = Bc/Tc B.   CIR = Bc x Tc C.   CIR = Tc/Bc D.   CIR = Bc + Be E.   CIR = Tc/(Bc+Be) F.   CIR = (Bc+Be)/Tc Answer: A QUESTION 53 DS-TE implementations on Cisco routers support which bandwidth pool(s) and class type(s)? (Choose two.) A.   global pool only B.   subpool only C.   global pool and subpool D.   class-type 0 only E.   class-type 1 only F.   class-type 0 and class-type 1 Answer: CF QUESTION 54 Which QoS mechanism is used for congestion

avoidance? A.   LLQ B.   CBWFQ C.   WRED D.   LFI E.   traffic policing Answer: C QUESTION 55 Only based on the Cisco IOS XR policy-map configuration exhibit, Which statement is correct?

```
policy-map policy_A
 class test
  bandwidth 1000000
  random-detect dscp AF11 10000 20000
  random-detect dscp AF41 12000 24000
```
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A.   All DSCP AF41 marked packets will be dropped when the average queue length reaches 12,000 packets. B.   DSCP AF11 marked packets will be randomly dropped when the average queue length reaches 10,000 packets. C.   DSCP AF11 and AF41 marked packets are guaranteed a minimum bandwidth of 1 Mb/s. D.   DSCP AF11 and AF41 marked packets are guaranteed a maximum bandwidth of 1 Mb/s. Answer: B QUESTION 56 Referring to the show output exhibit, Which statement is correct?

```
RP/0/RSP0/CPU

10.7.1.1/32, rev
Local binding:
Remote binding
Peer          L
----------- -----
10.0.2.1:0    16
10.7.1.1:0    IM

10.7.10.1/32, re
Local binding:
Remote binding
Peer          L
----------- -----
10.0.2.1:0    15
```
www.le

A.   The P1 router is receiving label information for the 10.0.2.1/32 prefix from two LDP peers. B.   The P1 router is receiving label information for the 10.7.1.1/32 prefix from two LDP peers. C.   The P1 router is using the IMP-NULL local label for the 10.7.1.1/32 prefix because 10.7.1.1/32 is the loopback interface IP address on the P1 router. D.   The P1 router will perform PHP for the 10.7.1.1/32 and 10.7.10.1./32 prefixes. Answer: B QUESTION 57 Referring to the traceroute output exhibit that is shown, Which statement is correct?

```
pe1#traceroute 14.14.14.14

Type escape sequence to abort.
Tracing the route to 14.14.14.14

 1 37.37.37.1 [MPLS: Label 66 Exp 0] 40 msec 24 msec 28 msec
 2 78.78.78.2 [MPLS: Label 99 Exp 0] 28 msec 32 msec 28 msec
 3 181.181.181.1 [MPLS: Label 99 Exp 0] 36 msec 24 msec 24 msec
 4 110.110.110.1 28 msec 28 msec 28 msec
 5 103.103.103.2 [MPLS: Label 66 Exp 0] 28 msec 28 msec 24 msec
 6 135.135.135.2 28 msec 28 msec
```
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A.   There is no problem with the end-to-end LSP as indicated by the successful trace. B.   Normal PHP operation is performed by the hop 4 router. C.   The end-to-end LSP is broken at hop 4. D.   At each hop, each LSR is able to perform label swapping. Answer: C QUESTION 58 What is an important requirement with MPLS applications like Layer 3 MPLS VPNs? A.   All the PE routers loopback addresses should be summarized to reduce the number of routing table entries in the core routers. B.   Targeted hellos are required between all the PE routers. C.   An end-to-end LSP is required between the PE routers. D.   The LSPs that are built between the PE routers must be symmetrical (bidirectional). Answer: C QUESTION 59 When implementing MPLS TE tunnels on Cisco IOS XR routers, what is the tunnel setup and hold priority value range, and which value has the highest priority? A.   0-63, where 0 is the highest priority B.   0-63, where 63 is the highest priority C.   0-7, where 0 is the highest priority D.   0-7, where 7 is the highest priority Answer: C QUESTION 60 Which Cisco IOS XR command should be used in order to enable LDP on all interfaces for which the IGP protocol is enabled? A.   RP/0/0/CPU0:R1(config-ospf)#mpls ldp auto-config B. RP/0/0/CPU0:R1(config-ospf)#mpls ldp interface all enable C.   RP/0/0/CPU0:R1(config-ospf)#enable all D. RP/0/0/CPU0:R1(config-ldp)#enable all Answer: A Lead2pass.com has been the world leader in providing online training solutions for 642-887 Certification. You use our training materials that have been rigorously tested by international experts. 642-887 new questions on Google Drive: https://drive.google.com/open?id=0B3Syig5i8gpDSi1td1BOZlJEWWs 2016 Cisco 642-887 exam dumps (All 137 Q&As) from Lead2pass: http://www.lead2pass.com/642-887.html [100% Exam Pass Guaranteed]