Practice Exam Questions for:
Nokia Virtual Private LAN Services
(exam number: 4A0-105)

The following questions will test your knowledge and prepare you for the Nokia Virtual Private LAN Services exam. Compare your responses with the Answer Key at the end of the document.

1. How does an Ethernet switch dynamically build its forwarding table?
   a. Reads the Dst MAC address and associates it to the port from which it was forwarded.
   b. Reads the Dst IP address and associates it to the port from which it was forwarded.
   c. Reads the Src MAC address and associates it to the port on which it was received.
   d. Reads the Src IP address and associates it to the port on which it was received.

2. Which of the following statements about an 802.1q frame is FALSE?
   a. The VLAN ID is found in the Tag Control Information.
   b. An 802.1q frame uses a one byte for setting of user priority.
   c. An 802.1q frame uses a single bit to identify discard eligibility.
   d. The VLAN Tag Type is set to 0X8100 by default.

3. Which of the following actions is performed when a VLAN aware Ethernet switch receives an untagged frame with an unknown destination MAC address on a port configured for VLAN 100?
   a. It floods the frame out of the untagged ports.
   b. It floods the frame out of the trunk ports and attaches VLAN tag 100.
   c. It floods the frame out of all the ports.
   d. It discards the frame.

4. Which of the following statements about MPLS forwarding of service traffic with a Nokia 7750SR is TRUE?
   a. The E-LER cannot perform two label operations, so the transport label must be popped by the penultimate router.
   b. The transit LSR will forward based on both the service and transport labels.
   c. The I-LER will push both the transport and service label onto the packet.
   d. The transit LSR will forward the frame based upon the service label.
5. Which of the following protocols can make use of the CSPF algorithm?
   a. T-LDP
   b. Link-LDP
   c. MP-BGP
   d. RSVP-TE

6. Which of the following statements about a SAP is TRUE?
   a. A SAP can be configured to support null, dot1q, and q-in-q traffic on a network port.
   b. A SAP can be used by multiple services belonging to a single customer.
   c. The SAP-ID is used by T-LDP to signal the VC-Label.
   d. A SAP is specific to a single service.

7. When binding an SDP to a service, which of the following statements about SDP signaling is TRUE?
   a. SDP uses a signaling session to a peer to exchange VC-labels.
   b. Each SDP signals a VC-label representing that specific SDP.
   c. Link LDP is used to carry the VC-label.
   d. SDP signaling uses RSVP-TE.

8. A frame with an unknown dst-mac arrives in a VPLS service on a mesh-sdp. Which of the following actions will the service take?
   a. Flood the frame out the local SAPs, Mesh and Spoke-SDPs associated to that service only.
   b. Flood the frame out the local SAPs and Spoke-SDPs associated to that service only.
   c. Flood the frame out the local Mesh and Spoke-SDPs associated to that service only.
   d. Flood the frame out the local SAPs associated to that service only.

9. Which of the following statements about a VPLS service is FALSE?
   a. It allows point-to-point connection between two sites with no mac learning.
   b. It allows the connection of multiple sites in a bridged domain.
   c. BUM traffic is flooded within a service domain.
   d. VPLS allows MAC learning.

10. Which of the following statements is TRUE for the use of MP-BGP signaling?
    a. Used to signal the transport labels for VPLS.
    b. Used to signal the service labels for VPWS.
    c. Used to signal the service labels for VPLS.
    d. Used to signal the service labels for IES.

11. Which of the following is a characteristic of a BGP-VPLS?
    a. Uses a single service label.
    b. Requires a full mesh of signaling.
    c. Uses t-ldp for signaling service labels.
    d. Uses a VE-ID.
12. PE20 (VE-ID 20) receives an update with a label base of 131117, and a VBO of 8. What is the value of the service label?
   a. 131129
   b. 131105
   c. 131145
   d. 131089

13. A BGP VPLS is configured between two Nokia 7750SRs (PE1 and PE2). Which of the following SDPs is selected to auto-bind the service?
   a. SDP 10
   b. SDP 20
   c. SDP 30
   d. SDP 40
   e. SDP 50

14. How do you create a mesh-sdp function using a pseudowire template?
   a. When creating the sdps, you must define them with a split group horizon group, then add them to the template.
   b. When creating the template, use existing sdps that have already been configured as mesh-sdps.
   c. When creating the template, you must define a split horizon group to be used by the template.
   d. When first creating the template, you must first define it as a mesh.

15. In an LDP VPLS with BGP auto-discovery enabled, which of the following parameters are typically used to define the VPLS-ID?
   a. <AS>:<System-Address>
   b. <AS>:<Service-ID>
   c. <System-Address>:<Service-ID>
   d. <System-Address>:<VSI-ID>
16. In an LDP VPLS with BGP auto-discovery enabled, which of the following parameters is typically used to define the VSI-ID?
   a. <AS>::<System-Address>
   b. <AS>::<Service-ID>
   c. <System-Address>::<Service-ID>
   d. <System-Address>::<VPLS-ID>

17. An Ethernet frame arrives with an outer tag of 100 and an inner tag of 10. Which of the following SAPs will accept the frame?
   a. 1/1/1:100.100
   b. 1/1/1:10.100
   c. 1/1/1
   d. 1/1/1:*..100

18. An Ethernet frame arrives with an outer tag of 300 and an inner tag of 100. Which service will the frame be forwarded to?
   a. VPLS 100
   b. VPLS 200
   c. VPLS 300
   d. VPLS 400
   e. None, the frame will be discarded.
19. What encapsulation on the SAP on port 1/1/2 on PE-C will allow Host A to communicate with Host B?

- a. 1/1/2:10.20
- b. 1/1/2:0
- c. 1/1/2:*
- d. 1/1/2:20.10

20. A frame leaves Host A with VLAN tags 100.10. How many tags are on the frame when it arrives at Host B?

- a. 1
- b. 2
- c. 3
- d. 4

21. A 2000 byte Ethernet frame plus q-in-q encapsulation arrives at a VPLS service with a default SAP. What is the minimum service MTU required to pass the frame?

- a. 1992 bytes
- b. 2000 bytes
- c. 2004 bytes
- d. 2008 bytes
22. A VPLS service has a dot1q SAP, which has a SAP MTU of 2104. What is the minimum service MTU required to bring the SAP up and operational?
   a. 2092
   b. 2096
   c. 2100
   d. 2104

23. A network port with null encapsulation has an MTU of 9212. RSVP-TE MPLS is the transport, and uses fast reroute facility. What is the calculated SDP Path MTU?
   a. 9212
   b. 9198
   c. 9194
   d. 9190
   e. 9186

24. In a distributed VPLS service, which protocol signals an MTU value that is a result of the service-mtu minus the Ethernet encapsulation?
   a. T-LDP
   b. RSVP-TE
   c. Link-LDP
   d. MP-BGP

25. A VPLS has just learned its 20th MAC address, and the FDB size is set to 20. Which statement describes the action(s) to be taken when the next frame arrives with a new source MAC address?
   a. The frame will be forwarded, and the FDB size will automatically increase to allow space for the new MAC address to be added to the FDB.
   b. The frame will be forwarded, the oldest entry in the FDB will be removed and the new MAC address will be added to the FDB.
   c. The frame will be forwarded, but the new MAC address will not be added to the FDB.
   d. The frame will be discarded.

26. Which of the following statements correctly describes the use of age timers in a VPLS service?
   a. Local age timer is applied to sdps and remote age timer is applied to saps, and both are configured at the VPLS level.
   b. Local age timer is applied to saps and remote age timer is applied to sdps, and both are configured at the VPLS level.
   c. Local age timer is configured at the sap level and remote age timer is configured at the sdp level.
   d. Local age timer is configured at the sdp level and remote age timer is configured at the sap level.
27. An FDB occupancy alarm has been raised. Based on the configuration, what is the minimum number of MAC addresses that would cause the FDB alarm?

```
A:VPLSv3 PE1>config>service>vpls# info

fdb-table-size 20  
fdb-table-low-wmark 40  
fdb-table-high-wmark 60  
stp shutdown  
sap tag-1:100 create  
exit  
exit  
exit  
exit  
exit
```

a. 6 MAC entries.
b. 8 MAC entries.
c. 4 MAC entries.
d. 12 MAC entries.

28. Which of the following statements describes the OAM MAC-Ping?
   a. Used to detect if the remote customer device address has been learned within a service.
   b. Used to determine the hop-by-hop route to a destination MAC.
   c. Used to determine if there is an end-station in the VPLS assigned a specific IP address.
   d. Used to populate a specific MAC address into the FDB of a service.

29. Based on the exhibit, which PEs will have a copy of the MAC address 00:00:00:00:10:10?

```
A:PE1# oam mac-populate 1 mac 00:00:00:00:10:10
```

a. PE-1, PE-2, PE-3, PE-4
b. PE-2, PE-3, PE-4
c. PE-2, PE-3
d. PE-1
30. Which of the following statements describing an R-VPLS is TRUE?
   a. An R-VPLS requires an external SAP to connect it to either a VPRN or IES interface.
   b. An R-VPLS is created when a VPLS is connected to either a VPRN or IES interface through a VSM.
   c. An R-VPLS is a hybrid service that incorporates the functions of both a VPRN and VPLS in a single service.
   d. An R-VPLS is a VPLS service with a logical internal connection to either a VPRN or IES interface.

31. Which of the following statements about a spanning tree managed network is TRUE?
   a. All the switches in an L2 network managed by spanning tree have a single root port.
   b. The root bridge is the switch with the highest priority.
   c. The root bridge has only designated and backup ports.
   d. All the switches in an L2 network managed by spanning tree have two root ports for redundancy.

32. A spanning tree enabled network has four L2 switches, all with equal priority. Which switch will become the root?
   a. Switch 1 MAC 00:00:00:aa:ff:ff
   b. Switch 2 MAC 00:00:01:01:02:0a
   c. Switch 3 MAC 00:01:00:00:00:00
   d. Switch 4 MAC 00:00:01:00:00:01

33. The L2 network below is running Rapid spanning tree for loop prevention. How many Alternate Ports (AP) are there in the network?
   a. 1
   b. 2
   c. 3
   d. 4
34. What is the default RSTP configuration on a VPLS on the Nokia 7750SR?
   a. RSTP is disabled globally.
   b. RSTP is enabled on the sdps.
   c. RSTP is enabled on the saps.
   d. RSTP is enabled globally.

35. According to the L2 network and the VPLS service displayed below, PE-1, PE-2, PE-3 and PE-4 are Nokia 7750-SRs and are operating in default STP mode. Which PE will become the primary bridge?

   a. PE-1
   b. PE-2
   c. PE-3
   d. PE-4
   e. None

36. Which of the following statements about a Management VPLS is TRUE?
   a. M-VPLS is required to be configured on mesh-sdps to remove loops.
   b. SAPs and SDPs mimic the user’s VPLS topology.
   c. M-VPLS operates in Transparent mode.
   d. M-VPLS carries customer traffic.
37. Based on the exhibit, which of the following statements is TRUE?

<table>
<thead>
<tr>
<th>Sap/Spoke Id</th>
<th>Oper State</th>
<th>Prune State</th>
<th>Port State</th>
<th>Mngd by</th>
<th>Service</th>
<th>Mngd by</th>
<th>Mngd by</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:20</td>
<td>Up</td>
<td>Pruned</td>
<td>Discard 100</td>
<td>3:100</td>
<td>CIST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/1/1:200</td>
<td>Up</td>
<td>Forward 100</td>
<td>1/1/1:0</td>
<td>CIST</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a. Customer traffic will be forwarded over sdp-3:100.
b. SAP 1/1/1:200 receives the RSTP BPDUs.
c. BPDUs are either untagged or VLAN 0.
d. Service ID 1 is a M-VPLS.

38. Which of the following utilizes an L3 heartbeat message for failure detection?
   a. Ethernet Connectivity Fault Management
   b. Bidirectional Forwarding Detection
   c. Rapid Spanning Tree Protocol
   d. Ethernet OAM

39. Which of the following statements about a LAG is TRUE?
   a. When using different port speeds in a LAG, auto-negotiation will reduce all ports to the lowest speed.
   b. When LACP is set to passive, the LAG group will initiate LACP packets to the far-end.
   c. Once the LAG port threshold is reached, the LAG action will be either dynamic-cost or down.
   d. LAG communication is vendor specific.
40. Based on the exhibit, which of the following statements about LAG 2 is TRUE?

<table>
<thead>
<tr>
<th>Port</th>
<th>Admin Status</th>
<th>Active Status</th>
<th>Adaptive Status</th>
<th>Primary</th>
<th>Sub-group</th>
<th>Forced Prior</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2/1</td>
<td>up</td>
<td>active</td>
<td>up</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>2/1/2</td>
<td>up</td>
<td>active</td>
<td>up</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>3/2/3</td>
<td>up</td>
<td>active</td>
<td>up</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>4/1/4</td>
<td>up</td>
<td>active</td>
<td>up</td>
<td>1</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

a. Once the number of active ports goes below 2, the LAG will become operationally down.
b. Each MDA will receive a fraction of the SAP and scheduler parameters.
c. Dynamic cost will come into effect once the port threshold is crossed.
d. The ports used for the LAG are network ports.

41. Which of the following statements about LAG sub-groups is TRUE?

a. Each link of a sub-group must be on the same MDA.
b. Each link of a sub-group must be on the same IOM.
c. Each LAG link is assigned a sub-group and priority.
d. Sub-groups must be defined, there is no default sub-group.
42. Which of the following statements about MC-LAG 2 is FALSE?

a. The LAG requires 3 ports to remain operationally up.
b. The LAG supports the use of VLAN tags.
c. The peer LAG ID is 2.
d. The LAG can be used to support SAPs.

43. Which of the following statements about Active/Standby pseudowires is TRUE?

a. An endpoint can support a maximum of three different spoke-sdps.
b. A maximum of two spoke-sdps can be active in an endpoint for load balancing.
c. T-LDP signals pseudowire status to aid in the selection of the active pseudowire.
d. MAC learning is still enabled on the standby pseudowires to aid in rapid switch over.
44. Based on the exhibit, which of the following statements about MC-Active/Standby Pseudowires is TRUE?

<table>
<thead>
<tr>
<th>Metro A</th>
<th>Metro B</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-PE1 show redundancy multi-classic mc-endpoint peer 10.16.10.11</td>
<td>A-PE1 show redundancy multi-classic mc-endpoint peer 10.16.10.12</td>
</tr>
</tbody>
</table>

Multi-Classis MC-Endpoint

<table>
<thead>
<tr>
<th>PE Addr</th>
<th>10.16.10.11</th>
<th>Peer Name</th>
<th>PE3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admin State</td>
<td>up</td>
<td>Open State</td>
<td>up</td>
</tr>
<tr>
<td>Last State_chg</td>
<td>06/29/2015 18:55:41</td>
<td>Source Addr</td>
<td>0.0.0.0</td>
</tr>
<tr>
<td>System Id</td>
<td>0x00000000</td>
<td>Sys Priority</td>
<td>1</td>
</tr>
<tr>
<td>Keep Active Intvl</td>
<td>10</td>
<td>Hold on by Fail</td>
<td>3</td>
</tr>
<tr>
<td>Passive Mode</td>
<td>disabled</td>
<td>Pre Mode Oper</td>
<td>No</td>
</tr>
<tr>
<td>Boot Timer</td>
<td>300</td>
<td>BFD</td>
<td>disabled</td>
</tr>
</tbody>
</table>

Multi-Classis MC-Endpoint

<table>
<thead>
<tr>
<th>PE Addr</th>
<th>10.16.10.12</th>
<th>Peer Name</th>
<th>PE4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admin State</td>
<td>up</td>
<td>Open State</td>
<td>up</td>
</tr>
<tr>
<td>Last State_chg</td>
<td>06/29/2015 18:55:41</td>
<td>Source Addr</td>
<td>0.0.0.0</td>
</tr>
<tr>
<td>System Id</td>
<td>0x00000000</td>
<td>Sys Priority</td>
<td>1</td>
</tr>
<tr>
<td>Keep Active Intvl</td>
<td>10</td>
<td>Hold on by Fail</td>
<td>3</td>
</tr>
<tr>
<td>Passive Mode</td>
<td>enabled</td>
<td>Pre Mode Oper</td>
<td>Yes</td>
</tr>
<tr>
<td>Boot Timer</td>
<td>300</td>
<td>BFD</td>
<td>disabled</td>
</tr>
</tbody>
</table>

a. PE-1 is elected master for PE-1 PE-3 relationship.
b. PE-2 is elected master for PE-2 PE-3 relationship.
c. PE-3 is elected master for PE-3 PE-4 relationship.
d. PE-4 is elected master for PE-4 PE-2 relationship.

45. Which of the following statements about the MAC-Flush message “Flush-all-but-me” is FALSE?

a. Flushes only FDB entries learned from the PE originating the message.
b. Enabled by default when using T-LDP signaling.
c. Indicates a new active forwarding path through the core.
d. Is an industry standard.

46. Which of the following statements about a MEP is FALSE?

a. A MEP assigned to the down direction forwards CFM messages through the switch fabric.
b. MEPS can be configured on spoke-sdps.
c. MEPS assigned to the down direction on a SAP forwards CFM messages out the SAP.
d. MEPS can be configured on mesh-sdps.
Based on the nested maintenance domains in the exhibit, which of the following statements is TRUE?

47. Based on the nested maintenance domains in the exhibit, which of the following statements is TRUE?

   a. Operator B is able to send CFM messages to CPE 8.
   b. CPE 1 is able to send CFM messages to CPE 8.
   c. Operator A is able to send CFM messages to CPE 8.
   d. Devices on the Provider level are able to send CFM messages to CPE 8.

48. Which of the following statements about the RPL link is TRUE?

   a. The RPL neighbor controls the RPL link.
   b. Under normal conditions, the RPL is the primary link for data.
   c. The RPL neighbor is responsible for blocking traffic over the RPL.
   d. If an RPL is not configured, the last link to become active will be blocked.
49. Based on the exhibit, which of the following statements is TRUE?

   a. The MEP-ID at the far-end of path a is 2.
   b. The MEP-ID at the far-end of path b is 2.
   c. The control messages are untagged.
   d. CCM messages are sent every 10 seconds.

50. PE-1, 2, 3 and 4 are connected using a full mesh of LSPs. One-to-one FRR is used for protection. How many LSPs will terminate on PE-4?

   a. 3
   b. 4
   c. 5
   d. 6

51. Which of the following statements regarding the use of spoke-sdp in H-VPLS is FALSE?

   a. Simplifies signaling
   b. Simplifies MDU configuration
   c. Spoke-sdps are used for the core connections between the PEs.
   d. Spoke-sdps are used to connect between two or more fully meshed VPLS services.
52. An H-VPLS network is configured between the fully meshed VPLS service between PEs, 1, 2, 3 and the MDU PE-4. Which of the following statements is TRUE?

a. PE-4 originates mpls tunnels to each of the other PEs.
b. PE-1 has spoke-sdps connecting to all the other PEs.
c. PE-3 has spoke-sdps connecting to PE-1, 2 and a mesh-sdp to PE-4.
d. PE-2 has no direct connection to PE-4

53. Which of the following network issues is resolved by the use of PBB?

a. MAC re-learning after a topology change
b. Frame replication of BUM traffic
c. Reducing the amount of signaling sessions
d. Reducing the number of required LSPs

54. Which of the following statements about PBB is TRUE?

a. Each SDP is configured with a B-MAC address to hide customer’s MAC in the core.
b. Supports the mapping of multiple standard VPLS services to a B-VPLS
c. Supports the mapping of multiple B-VPLS services to an I-VPLS
d. PBB is also referred to as MAC-in-MAC.

55. Which of the following statements about the use of the I-SID on the Nokia 7750-SR is TRUE?

a. The I-SID is always set to the value of the B-VPLS service-id.
b. The I-SID has to be explicitly configured when building the B-VPLS.
c. For known unicast traffic, the I-SID is inspected to forward traffic to the local I-VPLS.
d. The PE uses the I-TAG in the I-SID to identify the local I-VPLS to forward the traffic.
56. Which of the following statements about SPBM on the Nokia 7750-SR is TRUE?
   a. Uses the OSPF protocol to build the SPF tree
   b. Uses RSTP to manage loops in the network
   c. Uses the Shortest Path First Tree for all traffic
   d. Uses a Single Tree for all BUM traffic

57. The Nokia 7750-SR SPBM is configured to use the Low-Path-ID for its ECT algorithm. Which SPF path will be selected by PE-1 to PE2?

   Bridge-ID = PE number

   ![Diagram](image)

   a. PE1-PE4-PE5-PE3-PE2
   b. PE1-PE6-PE20-PE2
   c. PE1-PE6-PE7-PE2
   d. PE1-PE20-PE2
58. Based on the exhibit, if we only want to forward the traffic between 192.168.1.1 and 192.168.1.2 to the firewall, where do we apply the policy?

a. SAP 1/1/3:1 ingress
b. SAP 1/1/3:1 egress
c. SAP 1/1/4:100 ingress
d. SAP 1/1/5:100 egress

59. Based on the exhibit, which of the following statements is TRUE?

a. SAP 1/1/3 will be blocked after 10 or more relearns in a 5 second interval.
b. SAP 1/1/2 will be blocked after 20 or more relearns in a 10 second interval.
c. SPOKE-SDP 2 will be blocked after 20 or more relearns in a 15 second interval.
d. SAP 1/1/1 will be blocked after 20 or more relearns in a 10 second interval.
Consider the exhibit. Traffic is flowing between Host 1 and Host 2. Which of the following statements is TRUE?

a. PE1 will add Host 1 MAC to its mac-protect list on SAP 1/1/1.
b. PE2 will discard any frames arriving on SAP 1/1/2 sourced from Host 1.
c. PE3 will add Host 1 MAC to its mac-protect list on SAP 1/1/1.
d. PE2 will add Host 2 MAC to its mac-protect list on SAP 1/1/1.
## Answer Key

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>C</td>
<td>16</td>
<td>A</td>
<td>31</td>
</tr>
<tr>
<td>2</td>
<td>B</td>
<td>17</td>
<td>C</td>
<td>32</td>
</tr>
<tr>
<td>3</td>
<td>B</td>
<td>18</td>
<td>C</td>
<td>33</td>
</tr>
<tr>
<td>4</td>
<td>C</td>
<td>19</td>
<td>D</td>
<td>34</td>
</tr>
<tr>
<td>5</td>
<td>D</td>
<td>20</td>
<td>B</td>
<td>35</td>
</tr>
<tr>
<td>6</td>
<td>D</td>
<td>21</td>
<td>D</td>
<td>36</td>
</tr>
<tr>
<td>7</td>
<td>A</td>
<td>22</td>
<td>C</td>
<td>37</td>
</tr>
<tr>
<td>8</td>
<td>B</td>
<td>23</td>
<td>E</td>
<td>38</td>
</tr>
<tr>
<td>9</td>
<td>A</td>
<td>24</td>
<td>A</td>
<td>39</td>
</tr>
<tr>
<td>10</td>
<td>C</td>
<td>25</td>
<td>C</td>
<td>40</td>
</tr>
<tr>
<td>11</td>
<td>D</td>
<td>26</td>
<td>B</td>
<td>41</td>
</tr>
<tr>
<td>12</td>
<td>A</td>
<td>27</td>
<td>D</td>
<td>42</td>
</tr>
<tr>
<td>13</td>
<td>D</td>
<td>28</td>
<td>A</td>
<td>43</td>
</tr>
<tr>
<td>14</td>
<td>C</td>
<td>29</td>
<td>D</td>
<td>44</td>
</tr>
<tr>
<td>15</td>
<td>B</td>
<td>30</td>
<td>D</td>
<td>45</td>
</tr>
<tr>
<td>16</td>
<td>A</td>
<td>46</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>C</td>
<td>47</td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>C</td>
<td>48</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>D</td>
<td>49</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>B</td>
<td>50</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>D</td>
<td>51</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>C</td>
<td>52</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>E</td>
<td>53</td>
<td>A</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>A</td>
<td>54</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>C</td>
<td>55</td>
<td>C</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>B</td>
<td>56</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>D</td>
<td>57</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>A</td>
<td>58</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>D</td>
<td>59</td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>D</td>
<td>60</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>