Question 1

Which of the following statements is FALSE regarding the SGW?

Options:

A- A UE may be served by more than one SGW at a given time.

B- The SGW is connected to the E-UTRAN via the S1-u interface.

C- The SGW may provide data plane connectivity between two eNodeBs.

D- The SGW connects to the PGW via the S5/S8 interface.

E- The SGW acts as a common anchor point during handovers between LTE and Release 8 UMTS networks.

Answer:

A

Question 2

Which of the following statements is FALSE regarding the service request procedure?

Options:

A- The UE is always paged during a service request procedure.

B- The S1-MME signaling connection is reestablished for the UE as a result of a service request procedure.

C- The radio bearers are reestablished for the UE as a result of a service request procedure.

D- The S1 GTP-U tunnels are reestablished for the UE as a result of a service request procedure.

E- None of the above statements are false.

Answer:

A

Question 3

Question Type: **MultipleChoice**

Based on the information shown in the exhibit, which of the following statements is TRUE regarding the UE state and its default bearer?

```
SGW# show mobile-gateway serving bearer-context imsi 226041000000001 detail
============================================================================
Bearer context detail
============================================================================
IMSI              : 226041000000001
APN               : ipd.alcatel-lucent.com
Bearer Id         : 5                      Bearer type      : Default
Up Time           : 0d 00:00:06
QCI/ARP           : 9/1
QoS UL MBR         : 0 Kbps                QoS DL MBR       : 0 Kbps
QoS UL GBR         : 0 Kbps                QoS DL GBR       : 0 Kbps


S5 PGW Data TEID : 0x802d25               S5 SGW Data TEID : 0xd06c05
S5 PGW Data addr : 10.10.7.2
S5 SGW Data addr : 10.10.7.1
S1U eNodeB TEID  : 0x0                    S1U SGW TEID     : 0xd06c25
S1U eNodeB addr  : ::
S1U SGW address  : 72.22.24.163


S5 UL packets     : 1                     S5 UL bytes      : 92
S1U DL packets    : 0                     S1U DL bytes     : 0
S11 QoS Modify    : 0
```

Options:

A- The UE is in the active state. The default EPS bearer is fully established.

B- The UE is in the active state. The default EPS bearer is not fully established.

C- The UE is in the idle state. The default EPS bearer is fully established.

D- The UE is in the idle state. The default EPS bearer is not fully established.

Answer:

D

Question 4

Question Type: **MultipleChoice**

Which of the following statements is FALSE regarding the Network Initiated Dedicated Bearer Activation procedure?

Options:

A- A Create Bearer Request message is sent from PGW to SGW.

B- An AA Request message is sent from AF to PCRF.

C- A Bearer Setup Request message is sent from SGW to MME.

D- A Re-Authorization Request message is sent from PCRF to PGW.

Answer:

C

Question 5

Question Type: **MultipleChoice**

On Alcatel-Lucent 7750 SGW, which of the following CLI commands can be used to check the TEID-U values assigned to an EPS bearer for a particular UE?

Options:

A- Show mobile-gateway serving pdn-context

B- Show mobile-gateway serving pdn-context imsi <imsi-number> detail

C- Show mobile-gateway serving ue-context

D- Show mobile-gateway serving ue-context imsi <imsi-number> detail

E- Show mobile-gateway serving bearer-context

F- Show mobile-gateway serving bearer-context imsi <imsi-number> detail

Answer:

F

Question 6

Question Type: MultipleChoice

Which of the following most accurately describes the CPM modules on an Alcatel-Lucent 7750 MG?

Options:

A- The CPM modules are responsible for load balancing the EPS bearers.

B- The CPM modules always choose the same MG-ISM group to handle all the bearers of a given UE.

C- Two CPM modules can be installed on an Alcatel-Lucent 7750 MG node. One CPM is in active state while the other is in hot-standby state.

D- The CPM module also includes the Switch Fabric function for the Alcatel-Lucent 7750 MG.

E- All of the above answers are correct.

Question 7

Question Type: MultipleChoice

Which of the following is the message used to detect a transport failure over a Diameter connection?

Options:

A- The Capabilities-Exchange message

B- The Device-Watchdog message

C- The Credit-Control message

D- The Disconnect-Peer message

E- None of the above answers are correct

Answer:

B