

Cisco

Exam 600-210

**Implementing Cisco Service Provider Mobility UMTS Networks
(SPUMTS)**

Version: 6.0

[Total Questions: 70]

Question No : 1

Which organization developed and maintains the Universal Mobile Telecommunications System?

- A. 3GPP2
- B. 3GPP
- C. ITU
- D. ANSI

Answer: B

Question No : 2

Which two services does GPRS support? (Choose two.)

- A. MMS
- B. SMS
- C. Video Calling
- D. EMM
- E. ESM

Answer: A,B

Question No : 3

Which part of the OSI model contains the Signalling Connection Control Part protocol?

- A. Data link layer
- B. Network layer
- C. Transport layer
- D. Application layer
- E. Presentation layer

Answer: B

Question No : 4

What two routing keys can be used to filter SS7 messages? (Choose two.)

- A. DPC
- B. DPC [+SSN]
- C. IMEI
- D. MSISDN
- E. IMEISV

Answer: A,B

Question No : 5

In MGT-based routing, which option is the GT address format of the called party?

- A. E.212
- B. E.164
- C. E.412
- D. E.214
- E. E.216

Answer: D

Question No : 6

Which option lists the correct order of the SS7 routing flow in the Cisco ASR 5000 SGSN system?

- A. The call control profile is checked for any rejection, then the map-service is checked for any form of routing definitions.
- B. The map-service is checked for any form of routing definitions, then the call control profile is checked for any rejection.
- C. The call control profile is checked for any rejection, then the SGSN-Service is checked for any rejection.
- D. The SGSN service is checked for any rejection, then the call control profile is checked for any rejection.

Answer: A

Question No : 7

What layer of the OSI model does the BSSAP+ protocol map to?

- A. Data link layer
- B. Network layer
- C. Transport layer
- D. Application layer

Answer: D

Question No : 8

Which option lists the contents of the flow label in a GTPv0 header?

- A. IMSI and NSAPI
- B. MSISDN and NSAPI
- C. IMEI and NSAPI
- D. IMSI and Transaction Identifier
- E. IMEI and Transaction Identifier

Answer: A

Question No : 9

In which three scenarios is a Create Session Request sent to the SGW? (Choose three.)

- A. Gn/Gp SGSN to S4 SGSN routing area update
- B. Gn/Gp SGSN to MME tracking area update procedure
- C. UE requested PDN connectivity
- D. UE triggered service request
- E. ready to STANDBY transition within the network
- F. network triggered service request procedure

Answer: A,B,C

Question No : 10

Which version of GTP supports piggybacking of GTP messages?

- A. GTPv0
- B. Gn-prime
- C. GTPv1
- D. GTPv2
- E. GTPv1-prime

Answer: D

Question No : 11

In which three ways can a GTPv2 tunnel in each node of the UMTS/LTE network be identified? (Choose three.)

- A. TEID
- B. IP address
- C. UDP port number
- D. sequence number
- E. negotiated QoS per PDP
- F. negotiated QoS per PDN

Answer: A,B,C

Question No : 12

In which two ways does SGSN detect and know when GGSN has restarted? (Choose two.)

- A. change in recovery value in echo response
- B. change in recovery value in PDU notification request from GGSN to SGSN
- C. change in recovery value in Update PDP Context Request from GGSN to SGSN
- D. when the sequence number in a response message is different from that of the request message
- E. when the TEID value in response in GTP header is different from that of the request message

Answer: A,C

Question No : 13

Which two services require a status check on the Cisco ASR 5000 if no Context Request Message is sent from SGSN to MME over the S3 interface? (Choose two.)

- A. EGTP-service
- B. SGSN-service
- C. HSS-peer-service
- D. SGTP-service
- E. SGS-service

Answer: A,B

Question No : 14

In which two scenarios is a create bearer request sent from the SGW to the SGSN on the S4 interface? (Choose two.)

- A. secondary PDP context activation procedure
- B. network-requested secondary PDP context activation procedure
- C. network-triggered service request procedure
- D. when downlink data arrives for the released bearers
- E. PGW restart restoration procedure

Answer: A,B

Question No : 15

Which option describes how a PDN connection context is identified at the PGW?

- A. IMSI and EPS bearer ID
- B. IMSI, EPS bearer ID, and interface type
- C. IMSI, QoS, and EPS bearer ID
- D. MSISDN, QoS, and interface type

Answer: B

Question No : 16