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