

**Cisco 650-042**

# **Mobile Internet Technology for Field Engineers**

**Version: 4.2**

**QUESTION NO: 1**

Which logical interface is the communications path between the SGSN and the Cisco GGSN?

- A. IuPS interface
- B. Gi interface
- C. Gn interface
- D. MAP interface

**Answer: C**

**Explanation:**

**QUESTION NO: 2**

What is the HLR configuration imsi starts-with command used for?

- A. to specify the IMSI number
- B. IMSI analysis
- C. to change the IMSI number
- D. to display point-code definition

**Answer: A**

**Explanation:**

**QUESTION NO: 3**

What is the show alarm outstanding verbose command used for?

- A. to view alarms and some details about each one
- B. to view some general alarm-related statistics
- C. to view alarms that have been sent to a trap manager
- D. to view a cumulative count of traps that have been sent

**Answer: A**

**Explanation:**

**QUESTION NO: 4**

Which of the following is one of the three nodes of Cisco ASR 5000 services that comprise the

Evolved Packet Core?

- A. Cisco PDSN
- B. SGSN
- C. Cisco MME
- D. Cisco GGSN

**Answer: C**

**Explanation:**

#### QUESTION NO: 5

Which criteria is used to measure the maximum rate (in bits per second) that the subscriber packets can be transmitted and received for the subscriber during the sampling?

- A. Burst size
- B. committed data rate
- C. peak data rate
- D. subscriber data rate

**Answer: A**

**Explanation:**

#### QUESTION NO: 6

Which component needs to be configured within the source context to process a nontransparent Cisco GGSN call?

- A. A Gn interface (bound to a port)
- B. an IP pool
- C. a Gi interface (bound to a port)
- D. APN definition

**Answer: D**

**Explanation:**

#### QUESTION NO: 7

When executing the traceroute command, what is the variable count used for?

- A. to show the number of packets that were sent to the remote host for verification
- B. to show the source node that is using the assigned IP address of the node
- C. to show the IP address of the remote node
- D. to specify the number of UDP probe packets to send

**Answer: D**

**Explanation:**

#### **QUESTION NO: 8**

Which command verifies the ability of the system to communicate with a remote node in the network by passing data packets between them and measuring the response?

- A. Show ip arp
- B. Show ip route
- C. Monitor
- D. Ping

**Answer: D**

**Explanation:**

#### **QUESTION NO: 9**

Which of the following statements is true regarding traffic shaping?

- A. It provides a buffer facility for packets that have exceeded the configured limit
- B. The bandwidth enforcement can be done in the downlink only.
- C. It results in uneven throughput of traffic.
- D. Excess traffic is dropped.

**Answer: A**

**Explanation:**

#### **QUESTION NO: 10**

Which context provides access to a PDN or Gi interface?

- A. accounting context
- B. source context

- C. AAA context
- D. destination context

**Answer: D**

**Explanation:**

#### **QUESTION NO: 11**

For which mobility management state is the location of the mobile station tracked by the serving RNC?

- A. PMM-Detached
- B. PMM-Idle and PMM-Detached
- C. PMM-Idle
- D. PMM-Connected

**Answer: D**

**Explanation:**

#### **QUESTION NO: 12**

How many VLAN tags may contain each physical port on an Ethernet 1000 me card?

- A. up to 124
- B. up to 1820
- C. up to 1024
- D. up to 2000

**Answer: C**

**Explanation:**

#### **QUESTION NO: 13**

Which reference point supports communication between the eNodeB and the serving gateway?

- A. S1-MME
- B. S1-U
- C. S3