

## **Cisco 500-215 Exam**

**Volume: 50 Questions**

Question No: 1

How many Packet Service Cards are located in a fully loaded Cisco ASR 5000 chassis?

- A. 8
- B. 14
- C. 16
- D. 24

Answer: B

Question No: 2

Which option is the unique differentiator that sets Cisco ASR 5000 apart from competitors?

- A. seamless interoperability with GGSN
- B. cost-effective evolution to 2G
- C. combines 2G, 3G, and 4G SGSN into the same platform
- D. P2P detection and control

Answer: C

Question No: 3

On the Cisco ASR 5000, which three features help to ensure high availability? (Choose three.)

- A. inter-chassis redundancy
- B. online software upgrades are not supported
- C. no single point of failure
- D. virtual memory protects software tasks
- E. terminated tasks have to be manually restarted

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F. no session recovery for common services

Answer: A,C,D

Question No: 4

What is the Cisco ASR 5000 operating system software based on?

A. Cisco IOS

B. Combination of Linux and Cisco IOS

C. Linux software

D. Star OS

Answer: D

Question No: 5

Which controller task is used to facilitate IP routing across and within contexts?

A. Session Controller

B. VPN Controller

C. Driver Controller

D. Resource Manager Controller

Answer: B

Question No: 6

Which bus interconnects RCCs and line cards?

A. control bus

B. system management bus

C. TDM bus

D. redundancy bus

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Answer: D

Question No: 7

Which card has the resources to run multiple services?

- A. redundant crossbar card
- B. switch processor I/O card
- C. system management card
- D. packet service card

Answer: D

Question No: 8

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

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

Answer: B

Question No: 9

What is the subsystem task that is responsible for performing a centralized IMSI lookup?

- A. MME Manager
- B. MME Demux Manager
- C. Session Manager
- D. IMSI Manager

Answer: D

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Question No: 10

Which two are characteristics of the high availability task? (Choose two.)

- A. It is found on the management module only
- B. It is responsible for executing a recovery action for any failure that occurs in the system
- C. It is responsible for maintaining the operational state of tasks in the system
- D. It triggers an event to the RCT subsystem to take corrective action
- E. It is responsible for storing configuration data for the applications that run on the system
- F. It runs only on the active SMC

Answer: C,D

Question No: 11

Which option lists the types of card that fit into the front of the Cisco ASR 5000 chassis?

- A. gigabit Ethernet cards
- B. fan cards and line cards
- C. line cards and application cards
- D. system management cards and packet service cards

Answer: D

Question No: 12

Which option is a characteristic of the online software upgrade on the Cisco ASR 5000 Series?

- A. The online upgrade allows active sessions to be maintained until they are self-terminated (subscriber ends the session) or meet the optionally defined upgrade-limit values.
- B. The system accepts new sessions during the online upgrade.
- C. The final step is to migrate active PSCs to standby PSCs.
- D. The online upgrade should not be performed during a planned maintenance window.

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Answer: A

Question No: 13

Which card is used in the Cisco ASR 5000 model to manage system functions?

- A. line card
- B. PSC
- C. SMC
- D. RCC

Answer: C

Question No: 14

Which two descriptions of the Cisco ASR 5000 are true? (Choose two.)

- A. ideal for medium throughput deployments
- B. can be marketed for all 3G deployments
- C. highly centralized architecture
- D. can be marketed for all 4G deployments
- E. target subs 3M to 10M per chassis
- F. 15G - 80G performance

Answer: B,D

Question No: 15

What are two characteristics of NPU FastPath? (Choose two.)

- A. Available on Cisco ASR 5000 SGSN systems only.
- B. Supports periodic, intra-SGSN, and inter-SGSN RAUs.
- C. Optimizes resource usage and reduces latency when processing GTP-U packets.