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QUESTION NO: 1

In terms of scalability, flexibility, and capacity, which of the following would overcome 4G limitations?

A. Service based architecture, stateless network functions, Cloud-ready network functions and modular network functions.

B. Client/Server architecture, stateless network functions, Cloud-ready network functions and modular network functions.

C. Client/Server architecture, Cloud-ready network functions, and modular network functions.

ANSWER: B

QUESTION NO: 2

Your manager started a brainstorming session during a meeting on how automation can be driven in the network. He asks what tools can be used to increase automated services in the network. What would you answer be?

A. We need to find a software company that will write software to automate the network services.

B. We can create rule-based automation. We can also use Artificial Intelligence and Machine Learning to automate all network services.

C. We can write scripts that will be executed at certain times when a specific event happens and the service will be automated in this way.

D. We can use big data. It is the main tool that should be used for network automation.

ANSWER: B

QUESTION NO: 3

In a 5G Transport network, the encryption protection of the user and control plane are provided by which of the following?

A. IPSec

B. Access Control List

C. SSH

D. X25

ANSWER: A

Explanation:

Reference: https://www.ericsson.com/en/security/a-guide-to-5g-network-security

QUESTION NO: 4

Which one of the following requires a network service package defined in a catalog?

A. Cloud software platform

B. Cloud infrastructure software

C. Cloud orchestration

D. Software defined network

ANSWER: C

QUESTION NO: 5

Which of the following technologies drive 5G increased throughput capacity? (Choose three.)

A. MU-MIMO and beamforming

B. Higher spectral efficiency

C. Network Slicing

D. Multi-connectivity per User Equipment

ANSWER: A B C

QUESTION NO: 6

Which of the following are the elements that drive Access capacity growth? (Choose three.)

A. Support of wireless backhauling

B. Integration of 4G and Wi-Fi radio in 5G access

C. More micro, small and ultra-small cells

D. 5G Home box can provide 5G wireless access

ANSWER: A C D

QUESTION NO: 7

Which of the following statements are applicable to the technology of massive MIMO?

(Select 3)

A. Several data flows are sent at the same time on the same frequency.

B. The signals on each antenna are made orthogonal.

C. The data flows are sent at the same time on different frequencies.

D. Transmit diversity is used in case of poor radio conditions.

ANSWER: A B D

QUESTION NO: 8

Which of the following statements about Network Slicing are correct? (Choose three.)

A. Multiple slices create multiple virtual network instances.

B. Unique Quality of Service can be allocated to a given slice.

C. Specific resources can be allocated to a given slice.

D. Network Slicing is a way to physically partition the common network infrastructure.

ANSWER: A B C

QUESTION NO: 9

What is the role of 5G in meeting the automation needs of Industry 4.0?

A. 5G plays a minor role on Industry 4.0 because the requirements are mainly focused on mMTC and IoT.

B. 5G requirements for Industry 4.0 are mainly focused on Ultra high bandwidth needs.

C. 5G plays an important role on Industry 4.0 because it enables the cloud automation with baremetal platforms.

D. 5G requirements for Industry 4.0 are mainly focused on ultra low latency characteristics but also from high throughput and massive connectivity.

ANSWER: D

QUESTION NO: 10

What will 5G bring in terms of supporting requirements of industry automation? (Choose three.)

A. Low latency characteristics in the range of 5 to 10 ms for High Speed Discrete Automation Applications.

B. Low latency characteristics in the range of 0.1 to 1 ms for Video Monitoring and AR.

C. Low latency characteristics in the range of 100 to 200 ms for Remote Control Tele-operation Applications.

D. Low latency characteristics in the range of 50 to 100 ms for Discrete and Process Automation Applications.

ANSWER: A C D