Vendor: Nokia

Exam Code:BL00100-101-E

Exam Name: Nokia Bell Labs End-to-End 5G Foundation Certification Exam

Version: Demo

QUESTION 1

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 partitionthe common network infrastructure.

Correct Answer: ABC

QUESTION 2

What does 5G bring to Industry 4.0? (Choose two.)

A. 5G will generate a huge amount of data and Information Technology will provide the computing platform with analytics and AI.

B. 5G provides the connectivity (bandwidth, latency and reliability) needed to exchange data for OT and IT functionality.

C. 5G brings nothing to Industry 4.0.

D. 5G will generate a huge amount of data with mMTC and IT platforms are expected to suffer from this.

Correct Answer: AB

Reference: https://www.google.com/url?sa=tandrct=jandq=andesrc=sandsource=webandcd=andved=2ahUKEwij3M Sz 5eTvAhUUQEEAHVYtAJkQFjAAegQIAxADandurl=https%3A%2F%2Fwww.mdpi.com%2F2673-4001%2F1%2F1%2F5 %2Fpdfandusg=AOvVaw2pcAzrM3BgCPfsBYztcsA

QUESTION 3

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 focusedon 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 fromhigh throughput and massive connectivity.

Correct Answer: D

QUESTION 4

What is the Unstructured Data Storage Function (UDSF)?

A. This network function exposes 5G Core Network functionalities available to 3rd parties, so that 3rdparty capabilities and events may be securely exposed by the Network Exposure Function (NEF).

B. This network function is part of data repositories in the Common Data Layer. It stores 3GPP standardized data.

C. This network function is part of data repositories in the Common Data Layer and in opposition to the UDR, it stores non-standardized ?Unstructured ?data.

D. This network function stores or retrieves subscriptions, profiles, and authentication data to or from the data repositories. It offers services to the AMF, SMF, NEF and AUSF using the Service Based Interface.

Correct Answer: A

Reference: https://webthesis.biblio.polito.it/12557/1/tesi.pdf

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QUESTION 5

What is the "sweet spot" for Industry 4.0?

A. The "sweet spot" for industry 4.0 is the intersection of URLLC, eMBB and mMTC.

B. The "sweet spot" for industry 4.0 is a double-digit revenue growth.

C. The "sweet spot" for industry 4.0 is a deployment strategy for delivering the required capacity and coverage forindustrials.

D. The "sweet spot" for industry 4.0 is the intersection of operational, information and communications technologies.

Correct Answer: D

QUESTION 6

A. Service based architecture, stateless networkfunctions, 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.

Correct Answer: B

QUESTION 7

A. Wireless Access,Optical Transport, and a dedicated Core Network for wireless access running in a Central Cloud.

B. Multiple access types (not only wireless), Optical Transport, Multi-cloud, and dedicated Core for every type of access.

C. Public sector element, a smart city element, a health element, a transport and logistics element, and an industrial element.

D. Massive Scale Access combining many wireless and wired access types, Smart Network Fabric as transport (combining optical and IP network elements, controlled by SDN), a Universal Adaptive Core network supporting all access types, a Multi-cloud system including central, regional, edge, public, private, and hybrid cloud, and Automation and Analytics providing flexibility in the network to serve different applications.

Correct Answer: D

QUESTION 8

Which of the following is not a component of the 5G Flexible RAN architecture?

A. Radio Unit

B. Distributed Unit

C. Centralized Unit

D. Optical Unit

Correct Answer: D

Reference: https://www.hindawi.com/journals/wcmc/2019/5264012/

QUESTION 9

What is the purpose of the secondary authentication feature?

A. To improve authentication between the User Equipment and the 5G Core.

B. To improve authentication when connecting to different network slices.

C. To authenticate the User Equipment comingfrom an untrusted non-3GPP access (N3IWF).

D. To authenticate the User Equipment with an external data network.

Correct Answer: A

QUESTION 10

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

A. MU-MIMO andbeamforming

B. Higher spectral efficiency

C. Network Slicing

D. Multi-connectivity per User Equipment

Correct Answer: ABC

QUESTION 11

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 themain tool that should be used for network automation.

Correct Answer: B

QUESTION 12

What does the acronym SOAR stand for?

A. Security Orchestration Automation and Recovery

B. Security Optimization Accountability Recovery

C. Security Orchestration Automation and Response

D. Securitization, Optimization, Access Control, and Resiliency

Correct Answer: C

Reference: https://www.fireeye.com/products/helix/what-is-soar.html