

# Practice Exam Questions for: Nokia Bell Labs Industrial Automation Networks Exam (exam number: BL0-240)

The following questions will test your knowledge and prepare you for the Nokia Bell Labs Industrial Automation Networks Exam. Compare your responses with the Answer Key at the end of the document.

1. Beamforming is best suited for which of the following bands?
  - A. cmwave
  - B. 600 MHz
  - C. sub 6GHz
  - D. mmwave
  
2. Which of the following are key components of Network Slice isolation. (Select 2)
  - A. Resource isolation
  - B. Capacity isolation
  - C. Security isolation
  - D. User plane isolation
  
3. Machine Learning uses sample data to fit a model. What is this data called?
  - A. Features
  - B. Training data set
  - C. Supervised data
  - D. Target
  
4. The SON algorithm is standardized by 3GPP.

- A. TRUE
  - B. FALSE
5. The use of noise sensors in a car factory can help with predictive maintenance and reduce down time. What role does AI/ML play in this use case?
- A. AI/ML senses the noise and sends it to PLC for analyzing noise pattern.
  - B. AI/ML controls the noise pattern from the sensors and enhance their life.
  - C. AI/ML analyses the noise pattern from sensors for variations.
  - D. AI/ML and PLC are embedded onboard all the sensors for real time actions.
6. A car manufacturer is looking to reduce its overall OPEX by moving some of its key processing functions from the AMR's to the central PLC and also by enhancing its factory robot's agility. Which of the following key 5G technology enablers will best achieve this goal?
- A. Edge Clouds and URLLC
  - B. SON and AI/ML
  - C. NPN and Cybersecurity
  - D. Digital Twins and Slicing
7. Which stage of the Industrial Automation loop involves "Extracting perception through identification of useful features from raw data on the performance of machines, devices, and objects within the system's operating environment"?
- A. Understanding through analysis.
  - B. Augmented control by taking decisions.
  - C. Use cases in new greenfield environments.
  - D. Sensing through observation.
8. What is the ideal frequency band for mMIMO considering the size and number of antennas?
- A. 433 MHz
  - B. Mmwaves

- C. Sub 6 GHz
- D. 400-800 MHz

9. A Digital Twin is a dynamic digital replica of a real-world physical asset and not a static mirror image.

- A. TRUE
- B. FALSE

10. What is (are) the key SON feature categories?

- A. Self Configuring
- B. Self Optimizing
- C. Self Healing
- D. All of the above

Answer Key

- 1. D
- 2. AC
- 3. B
- 4. B
- 5. C
- 6. A
- 7. D
- 8. B
- 9. A
- 10. D