

Unit 12 - Week 10

Course outline
How does an NPTEL online course work?
Week 0
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Week 9
Week 10
<ul style="list-style-type: none"> Lecture 46 : Advanced Technologies: Software-Defined Networking (SDN) in IIoT – Part 2 Lecture 47 : Advanced Technologies: Security in IIoT – Part 1 Lecture 48 : Advanced Technologies: Security in IIoT – Part 2 Lecture 49 : IIoT Applications: Factories and Assembly Line Lecture 50 : IIoT Applications: Food Industry
<ul style="list-style-type: none"> Week 10 - Lecture Material Quiz : Assignment 10 Week 10 Feedback Form
Week 11
Week 12
Download Videos
Text Transcripts
Detailed Assignment Solution
Live Interactive Session

Assignment 10

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2020-04-08, 23:59 IST.

- 1) Which of the following connectivity is used in Pulse oximetry?
- Zigbee
 - Bluetooth
 - Wifi
 - All of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 2) IoT based contact lenses are used for:
- Monitoring ECG
 - Monitoring heart rate
 - Monitoring glucose level
 - None of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 3) Which of the following is the first step of IIOT healthcare architecture?
- Sending
 - Sensing
 - Processing
 - Monitoring
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 4) IIoT makes the power plant fully automated using
- Smart grid
 - Transformer
 - None of the above
 - All of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a.
- 5) IIoT based devices for power plant industry are standardized with
- TCP/IP protocol
 - IPV6 protocol
 - All of the above
 - None of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.
- 6) Zigbee is used in which network
- Home Area Network
 - Neighborhood Area Network
 - Field Area Network
 - None of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a.
- 7) Factory of the Future is a digital manufacturing initiative launched by
- Kuka.
 - Airbus.
 - DeWalt.
 - ABB.
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 8) Construction Internet of Things initiative launched by DeWalt
- monitors small-scale sites only.
 - uses IoT platform and Wi-Fi mesh network.
 - produces 800 cars per day.
 - All of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 9) YuMi by ABB is
- A collaborative robot.
 - An Augmented Reality (AR) app.
 - A driverless truck.
 - None of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a.
- 10) Which of the following is not a security goal?
- Confidentiality
 - Heterogeneity
 - Integrity
 - Availability
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 11) Resilience in a trustworthy environment means:
- Ability of the system to function correctly on dynamic adversarial conditions
 - Safe operations of device and people without any risks and injury
 - Protecting the system from Unauthorized access, modification and destruction
 - Restriction on data access - who can access and by whom it can be disclosed
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
a.
- 12) Which of the following is a distinguished reason for IIoT security?
- Authentication of devices
 - Security supports integrating IT and OT components
 - Privacy preserving protocols
 - Authentication methods
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 13) HACCP stands for
- Heat Analyzer and Critical Control Points.
 - Hazard Analysis and Critical Control Points.
 - Heat Analysis and Common Control Points.
 - Hazard Analyzer and Common Control Points.
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
b.
- 14) Which of the following is monitored by the sensors deployed in the farm?
- Weather
 - Presence of insects
 - Crop maturity
 - All of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
d.
- 15) Which of the following is a feature of an IoT-enabled farm?
- Drone-assisted field monitoring
 - GPS tracking
 - All of the above
 - None of the above
- a.
 b.
 c.
 d.
- No, the answer is incorrect.
Score: 0
Accepted Answers:
c.