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NPTEL (<https://swayam.gov.in/explorer?ncCode=NPTEL>) » Introduction to Industry 4.0 and Industrial Internet of Things (course)

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Unit 2 - Week 0

Course outline

How does an NPTEL online course work?

Week 0

● Quiz : Week 0 Assignment 0 ([assessment?name=133](#))

Week 1

Week 2

Download Videos

Week 0 Assignment 0

Your last recorded submission was on 2020-12-28, 07:47 IST

Due date: 2021-01-25, 23:59 IST.

- 1) What is the full form of IoT?

1 point

a. Internet of Things

b. Idea of Things

c. Integration of Things

d. Institute of Things

☒ a.

☐ b.

☐ c.

☐ d.
- 2) What are IPv4 and IPv6?

1 point

a. Addressing schemes

b. Connecting cables

c. Sensors

d. IoT devices

☒ a.

☐ b.

☐ c.

☐ d.

3) What is the full form of OSI in the context of computer networking?

1 point

- a. Open Sigmoid Interconnection
- b. Open Source Interconnection
- c. Open Systems Interconnection
- d. Open Spatial Interconnection

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

4) How many layers are there in the OSI model?

1 point

- a. 14
- b. 10
- c. 7
- d. 9

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

5) Which of the following statements is true?

1 point

- a. IoT is a subset of IIoT
- b. IIoT is a subset of IoT
- c. All the devices in IoT are connected to the Internet
- d. All IIoT devices are connected to the Internet

- ☐ a.
- ☒ b.
- ☐ c.
- ☐ d.

6) Which of the following protocols are used in IoT setup?

1 point

- a. MQTT
- b. CoAP
- c. XMPP
- d. All of the above

- ☐ a.
- ☐ b.
- ☐ c.
- ☒ d.

7) What is the full form of CoAP?

1 point

- a. Constrained Assisting Protocol
- b. Complete Assisting protocol
- c. Constrained Application Protocol
- d. Complete Application Protocol

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

8) Which OSI layer transfers data in the form of 'Bits'?

1 point

- a. Network layer
- b. Application layer
- c. Physical layer
- d. Data-link layer

- ☐ a.

- ☐ b.
- ☒ c.
- ☐ d.

9) Which of the following is not a layer of the ISO/OSI model?

1 point

- a. Presentation layer
- b. Application layer
- c. Network layer
- d. Internet layer

- ☐ a.
- ☐ b.
- ☐ c.
- ☒ d.

10) What is the full form of UDP?

1 point

- a. User Data Protocol
- b. United Datagram Protocol
- c. User Datagram Protocol
- d. Unsigned Datagram Protocol

- ☐ a.
- ☐ b.
- ☒ c.
- ☐ d.

You may submit any number of times before the due date. The final submission will be considered for grading.

Check Answers

Submit Answers