Ask a Question

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Unit 12 - Week 10



Register for Certification exam

Course outline

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- Lecture 46 : Smart
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Assignment 10

The due date for submitting this assignment has passed.

Due on 2019-04-10, 23:59 IS



1 point

Assignment submitted on 2019-04-01, 17:36 IST

- 1) Smart Agriculture incorporates:
 - b. Scheduling harvesting and arranging proper transfer of harvests to warehouses or markets.
 - c. Both the above
 - d. None of these

Yes, the answer is correct.

Score: 1

Accepted Answers:

- b. Scheduling harvesting and arranging proper transfer of harvests to warehouses or markets.
- 2) Heterogeneity for IoT in smart cities stands for:

1 point

a. Integration of varying hardware platforms and specifications.

a. Alert generation in case of above-threshold pollutants in the air.

- b. Integration of different radio specifications.
- c. Integration of various software platforms.
- d. All of these

Yes, the answer is correct.

Score: 1

Accepted Answers:

- d. All of these
- 3) Which company first coined fog computing?

1 point

- a. IBM
- ob. HP
- C. Dell
- od. CISCO

Yes, the answer is correct.

Score: 1

Accepted Answers:

- d. CISCO
- 4) Which of these connects cable-based networks with wireless networks for increased sharing of media, *1 point* control and access and can share network media resources?
 - a. UPnP
 - b. DLNA
 - c. LAN
 - d. WiFi

Yes, the answer is correct.

Score: 1

Accepted Answers:

- b. DLNA
- 5) The need for smart cities arose due to:

1 point

DOWNLOAD	a. Rapidly growing urban population	
VIDEOS	b. Fast depleting natural resources	
Accianment	c. Changes in environment and climate	
Assignment Solution	d. All of the above	
	Yes, the answer is correct.	
Text Translation	Score: 1	
	Accepted Answers: d. All of the above	1
		Ţ
	The following goals are currently associated with smart vehicles:	1 point
	a. Assistance to drivers during bad weather or low-visibility.	¥
	b. Detection of bad driving patterns or driving under the influence of substances.	
	c. Auto alert generation during crashes.	
	d. All of the above	20.
	Yes, the answer is correct.	ir
	Score: 1	g
	Accepted Answers:	O
	d. All of the above	
	7) Which of the following is a social and legal challenge of IoT in smart cities?	1 point
	a. Services based on user provided information may be subject to local or international laws.	
	 b. Individual and informed consent required for using humans as data sources. 	
	c. Both a and b	
	d. None of these	
	Yes, the answer is correct. Score: 1	
	Accepted Answers:	
	c. Both a and b	
	8) In multi-sensor data fusion, which is true:	1 point
	a. Combines information from multiple sensor sources.	
	b. Enhances the ability of decision making systems to include a multitude of variables prior to arriving	at a
	decision.	
	 c. Inferences drawn from multiple sensor type data is qualitatively superior to single sensor type data. d. All of the above 	
	Yes, the answer is correct.	
	Score: 1	
	Accepted Answers:	
	d. All of the above	
	9) Amount of energy harvested depends upon:	1 point
	a. Sensitivity of the harvesting circuit	
	b. Distance between the device and source	
	c. Environment	
	d. All of the above	
	Yes, the answer is correct.	
	Score: 1	
	Accepted Answers:	
	d. All of the above	
		1 point
	a. Low-speed and low data rate. b. Low-speed and bight data rate.	
	b. Low speed and high data rate	
	c. High speed and low data rate	
	d. High speed and high data rate	
	Yes, the answer is correct.	
	Score: 1	
	Accepted Answers: a. Low-speed and low data rate.	

1 point

11)UPnP stands for:

 a. United Protocol and Plugs b. Universal Protocol and Plugs c. Universal Plug and Play d. United Plug and Play 	
Yes, the answer is correct. Score: 1	
Accepted Answers: c. Universal Plug and Play	-
12)Konnex (KNX) is:	1 poin
 a. an open standard for home and building networks. b. Smart parking system c. Smart energy system d. None of these 	
Yes, the answer is correct.	Щ
Score: 1	g
Accepted Answers: a. an open standard for home and building networks.	
13)HAN architectures:	1 poin
 a. Uses XML for description and web-services for control. b. Follows a Service oriented Architecture (SOA). c. Not tied to any software, language or architecture. d. All of these 	
Yes, the answer is correct. Score: 1	
Accepted Answers: d. All of these	
14)Which of these can be considered as the skeleton for smart cities?	1 poin
a. Buildingsb. Transportationc. Banksd. Sensors	
Yes, the answer is correct. Score: 1	
Accepted Answers: a. Buildings	
15)DSRC in the context of smart vehicles stands for:	1 poin
 a. Detailed Short Rate Communication b. Dedicated Short Range Communication c. Data Short Range Communication d. Data Spedy Robust Communication 	
Yes, the answer is correct. Score: 1	
Accepted Answers: b. Dedicated Short Range Communication	

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