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Week 12: Assignment 12

The due date for submitting this assignment has passed.

Due on 2025-10-15, 23:59 IST.

As per our records you have not submitted this assignment.

1) The two types of data analysis are _____. 1 point

- a. Qualitative and Quantitative

b. Repetitive and Quantitative

c. Repetitive and Qualitative

d. All of these

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
a.

2) 1 point

Fill in the blank.

To perform an ANOVA, we must have a _____ response variable and at least one _____ factor.

- a. Discrete, categorical

b. Continuous, quantitative

c. Discrete, quantitative

d. Continuous, categorical

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
d.

3) Select the statement(s) that denote the type of ANOVA. 1 point

Statement I: One way analysis

Statement II: Two way analysis

Statement III: K-way analysis

- a. Statement I

b. Statement II

c. Statements I, II, and III

d. None of these

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
c.

4) What is the type of the data dispersion? 1 point

- a. Range

b. Average absolute deviation

c. Variance

d. All of these

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
d.

5) The two most relevant sensors directly used in agricultures are _____. 1 point

- a. Soil moisture and proximity sensor

b. Soil moisture and water level sensor

c. ECG sensor and water level sensor

d. All of these

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
b.

6) The mathematical equation that is formulated in the form of relationships between variables is known as _____. 1 point

- a. Logical model

b. Relational model

c. Data dispersion

d. Statistical model

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
d.

7) What are the two types of statistical models? 1 point

- a. Qualitative and quantitative

b. Complete and incomplete

c. Regression and dispersion

d. None of these

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
b.

8) Select the correct order of the component layers present in the IoT healthcare. 1 point

- a. Sensing layer, cloud platform layer, aggregated layer, processing layer

b. Sensing layer, aggregated layer, processing layer, cloud platform layer

c. Aggregated layer, sensing layer, processing layer, cloud platform layer

d. Sensing layer, processing layer, aggregated layer, cloud platform layer

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
d.

9) Wireless IoT driven solutions for remote healthcare facility provisioning brings healthcare to patients than bringing patients to healthcare. 1 point

- a. True

b. False

- ☐ a.

☐ b.

No, the answer is incorrect.
Score: 0

Accepted Answers:
a.

10) Which of the following handheld devices are used for activity monitoring? 1 point

- a. EEG and GPS

b. Accelerometer and EEG

c. Accelerometer and GPS

d. All of these

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
c.

11) Which of the following are components of IoT? 1 point

- a. Sensing layer

b. Aggregated layer

c. Processing layer

d. All of these

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
d.

12) By performing continuous monitoring of a person's activity, it is not possible to observe his/her behavior or to identify any repetitive pattern in his/her day-to-day activity. 1 point

- a. True

b. False

- ☐ a.

☐ b.

No, the answer is incorrect.
Score: 0

Accepted Answers:
b.

13) Deep learning based data analysis cannot be performed on videos 1 point

- a. True

b. False

- ☐ a.

☐ b.

No, the answer is incorrect.
Score: 0

Accepted Answers:
b.

14) Which of the following are the inbuilt sensors that are present in high end smartphones? 1 point

- a. ECG and EEG

b. Accelerometer, proximity sensor, and EEG

c. Accelerometer, Compass, and Gyroscope

d. Pressure sensor and NPK sensor

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
c.

15) Fill in the blank. Processing the handheld activity device data with artificial intelligence can be used for _____. 1 point

- a. Fall detection

b. Heart rate detection

c. Vehicle detection

d. All of these

- ☐ a.

☐ b.

☐ c.

☐ d.

No, the answer is incorrect.
Score: 0

Accepted Answers:
a.