

By lemme lemma

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Properly programmed AI computers can give 50% accuracy as compared to tasks performed by humans.

Ans. **False**

AI based environments are very simple and cheap in price.

Ans. **False**

4G LTE (Long Term Evolution) provide Internet connections faster than 5G.

Ans. **False**

The high frequencies network cannot be obstructed by the walls of buildings, trees and other foliage.

Ans. **False**

5g networks may use variety of spectrum bands.

Ans. **True**

State whether the following statements are True or False.

1. IoT involves internet connectivity only for standard devices

Ans. **False**

2. Embedded devices can be remotely monitored and controlled.

Ans. **True**

3. The data collected by an IoT device can be used to take decisions regarding tasks.

Ans. **True**

4. IaaS provides automated and scalable environments.

Ans. **True**

5. IaaS provides a low degree of control.

Ans. **False**

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In Private cloud service all the data is protected behind the_____.

1s. **firewall**

Natural language processing involves analysing and understanding _____and responding to it.

1s. **human language**

_____ enables machines to use real-time images to make sense of what's around them.

1s. **Computer vision**

_____is about creating a "Natural, human-like interaction".

1s. **Cognitive computing**

_____ is used to find complex patterns in data, for applications such as image and speech recognition.

1s. **Deep learning**

5G is the fifth Generation of _____network technology.

1s. **cellular**

. _____ is a model for enabling convenient on-demand network access to a shared pool of computing resources.

1ns. **Cloud computing**

. _____, _____ and _____ are three primary service models of cloud computing.

1ns. **IaaS (Infrastructure as a Service), PaaS Platform as a Service), SaaS (Software as a Service).**

. PaaS service provider offers access to a cloud-based environment in which users can _____, _____ and _____ applications.

1ns. **develop, manage, deliver**

. _____ cloud computing service provides prebuild tools to develop, customize and test user applications.

1ns. **PaaS (Platform as a Service)**

EMERGING TECHNOLOGY Questions

1. The introduction of advanced technology and agricultural practices to make farms more efficient refers to:

- A.information revolution
- B.neolithic revolution
- C.green revolution
- D.industrial revolution

2. which one of the following events took place during the second phase of agricultural revolution?

- A.invention of agriculture

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B.introduction of new technology

C.formation of permanent home

D.creation of artificial intelligence

3. which of the following excutes soft ware instructions to perform a wide variety of tasks?

A.micro processors

B.computer networks

C.memory devices

D.logic devices

4. ----- is an electronic component used to build reconfigurable digital circuits.

A. fixed logic devices

B. programable logic devices

C. hard disc devices

D. memory storage devices

5. which of the following is true about fixed logic devices?

A. circuit in a fixed logic device are temporary

B. fixed logic device perform only one function

C. fixed logic device can be changed

D. fixed logic device can implement simple combinatoral logic

6. Logic devices provide all of the following specific functions EXCEPT one:

A. data communicating

B. signal processing

C. operation controlling

D. satellite launching

7. ARPANET switched the name to NETWORK by:

A. Russian C. American

B. Indian D. Britain

8. Future trends in networking technology includes all of the following but one:

A. centralizing internet access and security

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B. changing perspectives on machine learning

C. giving more attention to network security

D. expanding smart network automation

9. which of the following refers to the notion of layering relevant information into our vision of the world?

A. social computing

B. virtual reality

C. computer vision

D. Augmented reality

10. which one of the following data types is considered as the most traditional form of data storage?

A. structured data

B. semi-structured data

C. meta data

D. unstructured data

11. which of the following best describes meta data?

A. It conforms to a tabular format

B. It was extremely power ful data

C. It provides fields for dates and locations

D. It was a separate data structure

12. which data types also known as self -describing structure?

A. unstructured data

B. semi-structured data

C. structured data

D. data value chain

13. ----- is the management of data in a scalabl way that satisfies the needs of applications that require fast access to the data.

A. data storage

B. data analysis

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C. data usage

D. data curation

14. All of the following characteristics make big data different from other data processing but one:

A. Volume C. Velocity

B. Accuracy D. Variety

15. The process of taking raw data and adding into the system is termed as:

A. data acquisition

B. data curation

C. data ingestion

D. data computation

16. one of the major big data challenges in terms of infrastructure requirement is:

A. data storage

B. data usage

C. data curation

D. data acquisition

17. All of the following activities involved with big data processing except one:

A. clustering big data software

B. computing and analyzing data

C. ingesting data into the system

D. persisting the data in storage

18. The father of Artificial intelligence was:

A. Matthew Boulton

B. John McCarthy

C. Marvin Minsky

D. Gary Kasparov

19. -----is a type of machine learning which models itself after the human brain.

A. computer vision

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B. machine automation

C. Neural networks

D. Augmented reality

20. Which of the following provides additional information about a specific set of data?

A. Big data

B. Meta data

C. Data base

D. Data usage

21. A type of intelligence which could perform any intellectual task with efficiency like a human is:

A. Super AI

B. Narrow AI

C. General AI

D. None

22. Self- driving cars are the best example of:

A. Reactive machines

B. Theory of mind

C. Self- Awareness

D. Limited memory

23. which one best expresses self- awareness Artificial intelligence?

A. Store past experiences for future actions

B. Understand the human emotions

C. Will have their own consciousness

D. Able to interact socia