



Points:
1/1

1. Which cloud computing service model is most suitable for developers looking to build and deploy applications without managing the underlying infrastructure?

- ☐ Data as a Service
- ☒ **Platform as a Service ✓**
- ☐ Software as a Service
- ☐ Infrastructure as a Service



Points:
1/1

2. What is the primary purpose of a data warehouse in Business Intelligence?

- ☐ A data warehouse allows companies to conduct virtual meetings with clients around the world.
- ☒ **A data warehouse is designed for efficient query and analysis, centralizing data from different sources to support decision-making. ✓**
- ☐ A data warehouse is a security system that protects sensitive business data from cyberattacks.
- ☐ A data warehouse is used primarily to back up all files in an organization. It supports insert, delete, update and select queries on the back up data.



Points:
0/1

3. Which of the following is a popular cryptocurrency? (Maybe more than 1 answers)

- ☒ **Bitcoin ✓**
- ☐ Dogecoin ✓
- ☒ **Ethereum ✓**
- ☐ Marscoin



Points:
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4. Which of the following is not a popular generative AI model?

- ☐ Dall-E 3
- ☐ GPT-4
- ☐ Skynet 3 ✓
- ☒ **LLaMa-2 ✗**



Points:
1/1

5. What is the process of confirming and adding new transactions to a blockchain called?

- ☒ **Mining ✓**
- ☐ Wallet Creation
- ☐ Forking
- ☐ Hashing



Points:
1/1

6. What is a "smart contract" in the context of blockchain?

- ☐ A document that provides details about the nodes in a blockchain network.
- ☒ **An automatically executed contract when certain conditions are met, based on blockchain technology. ✓**
- ☐ A tool to design the layout of digital currencies.
- ☐ A legal document signed between two parties in a blockchain system



Points:
1/1

7. What is blockchain technology?

- ☐ Blockchain technology involves creating virtual chains of blocks in a 3D modeling environment.
- ☒ **Blockchain technology is a decentralized ledger that securely records transactions across multiple computers, ensuring data is transparent and immutable.** ✓
- ☐ Blockchain refers to a series of digital marketing strategies for online businesses.
- ☐ Blockchain technology is a new type of screen-blocking software used to protect sensitive information on computer displays.



Points:
1/1

8. Which of the following is NOT a typical use case for blockchain technology?

- ☒ **Social Media Networking** ✓
- ☐ Supply Chain Management
- ☐ Voting Systems
- ☐ Healthcare Records



Points:
1/1

9. In Business Intelligence, what does ETL stand for?

- ☐ Enable, Test, Launch
- ☒ **Extract, Transform, Load** ✓
- ☐ Enterprise Technology License
- ☐ Electronic Table Layout



Points:
1/1

10. Which cloud computing deployment model is designed for a single organization's use and is not shared with others?

- ☒ **Private Cloud** ✓
- ☐ Public Cloud
- ☐ Hybrid Cloud
- ☐ Company Cloud



Points:
0/1

11. What is business intelligence?

- ☐ Business intelligence is the process of collecting data to generate monthly sales reports or other reports.
- ☒ **Business intelligence is the practice of using algorithms to predict a company's future revenue based solely on its social media activity.** ✗
- ☐ Business intelligence involves the intelligent ways of designing of company logos and branding strategies.
- ☐ Business intelligence is the use of data analysis tools and techniques to make informed business decisions. ✓



Points:
1/1

12. What is a "virtual machine" in the context of cloud computing?

- ☐ A virtual machine refers to the virtual storage space used for saving files in the cloud.
- ☒ **A virtual machine is a software emulation of a computer, allowing multiple operating systems to run on one physical server.** ✓
- ☐ A virtual machine in cloud computing exclusively refers to a machine that can only access virtual reality platforms.
- ☐ A virtual machine is a tool used by designers to create virtual 3D models of computer hardware.



Points:
1/1

13. Which of the following is a primary feature of blockchain technology?

- ☐ Rapid scalability
- ☐ Low transaction fees
- ☒ **Immutability of data** ✓
- ☐ Centralized control



Points:
1/1

14. What does the term "scalability" refer to in cloud computing?

- ☐ The ability to increase the price of cloud services on demand
- ☒ **The ability to add or remove resources to meet workload demands ✓**
- ☐ The ability to change your cloud provider when there is more workload demands
- ☐ The ability to shrink cloud resources on-demand



Points:
1/1

15. What is data visualization?

- ☐ Data visualization refers to the physical storage devices used to save large amounts of data information.
- ☐ Data visualization is the process of inputting raw data into a spreadsheet for analysis.
- ☒ **Data visualization is the graphical representation of information and data using graphs, charts, and maps to convey insights and patterns. ✓**
- ☐ Data visualization involves using 3D holographic models to physically touch and manipulate data points in a virtual environment.



Points:
1/1

16. Which of the following is not a primary service model in cloud computing?

- ☐ Software as a Service (SaaS)
- ☒ **Hardware as a Service (HaaS) ✓**
- ☐ Platform as a Service (PaaS)
- ☐ Infrastructure as a Service (IaaS).



Points:
1/1

17. What is cloud computing?

- ☐ Cloud computing involves saving data solely on external hard drives that are wirelessly connected to a network.
- ☐ Cloud computing is a term used to describe the design patterns of fluffy cumulus clouds in meteorology.
- ☒ **Cloud computing is the delivery of computing services—including servers, databases etc. over the internet ✓**
- ☐ Cloud computing refers to the physical hardware components, like hard drives and RAM, inside a computer.



Points:
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18. What is Generative AI?

- ☐ Generative AI is a specialized software tool designed to actively prevent AI models from generating any outputs, ensuring a more controlled AI environment.
- ☒ **Generative AI refers to the intricate process of using advanced algorithms and coding structures to improve the computational speed and efficiency of computer processors, optimizing their performance. ✓**
- ☒ **Generative AI refers to artificial intelligence models that can generate new, previously unseen content based on patterns it has learned from existing data. ✓**
- ☐ Generative AI revolves around creating AI models exclusively dedicated to the task of interpreting, analyzing, and classifying existing data without the capacity to create or innovate new outputs.



Points:
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19. Which of the following is a typical application of generative AI (maybe more than 1 answer)

- ☐ Generating lifelike game environments ✓
- ☒ **Creating digital art and music compositions ✓**
- ☒ **Translating one language into another in real-time. ✓**
- ☐ Designing new drug molecules for pharmaceutical research ✓



Points:
1/1

20. In the realm of Business Intelligence (BI), which of the following are common tasks or functionalities (maybe more than 1 correct answers)

- ☐ Designing company slogan
 - ☐ Help company to create advertisements.
 - ☐ Help customers understand the business
 - ☒ **Analyzing and interpreting data patterns. ✓**
 - ☒ **Extracting data from varied sources. ✓**
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