



CIPS L6M7 Practice Questions

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Question 1

Question Type: MultipleChoice

In order to increase security at the Local Council building, the Local Council has decided to implement biometrics. What employee information would be required for this to be implemented?

Options:

- A- Their logging on password
- B- Their home address
- C- Their fingerprint
- D- Their council ID number

Answer:

C

Explanation:

Biometrics uses unique personal details, such as fingerprints, for authentication. This is a more secure method than passwords or ID numbers, as physical attributes are harder to replicate or steal. (P.185)

Question 2

Question Type: MultipleChoice

Hadoop and MapReduce are examples of what?

Options:

- A- Cloud Computing
- B- Hardware
- C- Digitalisation
- D- Problem-Solving Software

Answer:

D

Explanation:

Hadoop is an open-source software that supports indexing and organizing large amounts of data. MapReduce allows a user to ask questions and find data easily. (P.10-11)

Question 3

Question Type: MultipleChoice

Data integrity refers to which two characteristics of data?

Options:

- A- Size and scope
- B- Speed and availability
- C- Accuracy and completeness
- D- Security and access

Answer:

C

Explanation:

Data integrity ensures data is accurate and complete. While security is important, it is a separate topic. (P.67)

Question 4

Question Type: MultipleChoice

Jamila is the Head of Procurement at Big Smiles Ltd. A few years ago, e-procurement systems were introduced, which has led to huge efficiency and transparency gains for the organisation.

The tools that Jamila's team use include a PO system and supplier KPI monitoring system, which are accessed through a web portal. Which of the following statements are true?

Options:

- A- The benefit of web-based portals is that all users have the same version, so items can be shared more easily
- B- The downside of web-based portals is that the cost of maintaining and updating the software is increased
- C- There is a limit to the number of users who can access web-based portals
- D- There is a higher risk of piracy from using web-based portals

Answer:

A

Explanation:

Web-based portals allow all users to work on the same version, reducing maintenance costs. There is no limit to the number of users, and piracy risk is lower because data is stored in the cloud. (P.53)

Question 5

Question Type: MultipleChoice

Ramesh is Head of Procurement at Wiggle Waggle Ltd. He is using a tool for predictive modeling and statistical analysis to inform upon future strategic business decisions. Which option best is he using?

Options:

- A- Analytics
- B- Big Data
- C- BI
- D- Black Box

Answer:

A

Explanation:

Analytics predicts future trends using data. BI (Business Intelligence) focuses on past and present data but does not predict. Big Data is just large datasets, and Black Box refers to decision-making without transparency.

Question 6

Question Type: MultipleChoice

IT hacking can take many forms, and it is important for Procurement professionals to be aware of different ways their data can be compromised or stolen through cyber attacks. Which of the following is not a type of cyber attack?

Options:

- A- Birthday
- B- Phishing
- C- Man-in-the-middle
- D- Gooseberry

Answer:

D

Explanation:

Gooseberry is not a type of cyber attack. The others---birthday attacks, phishing, and man-in-the-middle---are real cybersecurity threats. Other common attacks include malware, denial of service (DoS), drive-by attacks, password attacks, SQL injection, cross-site scripting, and eavesdropping. (P.146)

Question 7

Question Type: MultipleChoice

Tracy is a logistics manager who is using an algorithm to solve a problem. She needs to work

out the shortest travel time between a warehouse and a client's location. She is using past data to help solve the problem. What type of algorithm is she using?

Options:

- A- Simple recursive
- B- Divide and conquer
- C- Brute force
- D- Dynamic programming

Answer:

D

Explanation:

This is dynamic programming as it optimizes a problem using past data. Divide and conquer splits the problem into subproblems. Brute force tries all possible solutions until it finds the correct one. Simple recursive is used for repetitive calculations.

Question 8

Question Type: MultipleChoice

The speed at which data can be transferred and accessed over the internet is known as ... ?

Options:

- A- Bandwidth
- B- Latency
- C- Gigabytes
- D- Tolerance

Answer:

B

Explanation:

Latency refers to the time it takes for data to be transmitted. Bandwidth, in contrast, refers to the amount of data that can be transmitted. (P.111)

Question 9

Question Type: MultipleChoice

Which of the following can be used to protect a computer's operating system and hardware and often requires a user to update?

Options:

- A- Server
- B- Internet of Things
- C- Firewall
- D- Firmware

Answer:

D

Explanation:

Firmware can be used to protect a computer's operating system and hardware. The requirements for updates depend on the complexity of the device, but most need regular updates. P.200

Domain: 3.2

Question 10

Question Type: MultipleChoice

Which option best uses data with more than three dimensions?

Options:

- A- Taxonomy
- B- Array
- C- Hierarchy
- D- Data cube

Answer:

D

Explanation:

Data Cube is the correct answer. It sounds wrong because a cube has three dimensions, but in the world of data, a data cube has more than three dimensions. Taxonomy is a way of organizing two-dimensional data. An array is single-dimensional data. Hierarchy is just there to distract and does not relate to data in this context.

Question 11

Question Type: MultipleChoice

Which of the following measures prevents access to a system?

Options:

- A- Firewalls and authentication
- B- Firewalls and encryption
- C- Authentication and antivirus
- D- Antivirus and encryption

Answer:

A

Explanation:

Firewalls and authentication prevent unauthorized access to a system. Antivirus and encryption focus on preventing data corruption rather than access control. (P.184)

Question 12

Question Type: MultipleChoice

What is the benefit of an organisation using blockchain in data management?

Options:

- A- It is organisation-specific
- B- It allows data to be changed easily
- C- Data is stored centrally
- D- Data cannot be modified

Answer:

D

Explanation:

Blockchain ensures data integrity by preventing modifications. If changes are needed, new blocks are added instead of altering existing ones. This enhances transparency and security, as blockchain is decentralized and not vulnerable to a single point of failure. (P.189)

Question 13

Question Type: MultipleChoice

Unstructured data can be organized into semi-structured or structured data by using a short word or phrase to describe What is held in the digital file. What is this marker commonly known as?

Options:

- A- Structured Query Language
- B- Tag
- C- Syncing
- D- Bot

Answer:

B

Explanation:

A tag is a marker describing data, commonly used in social media and databases.



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