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Computer Information Systems Major Quiz PDF

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What is the primary focus of Computer Information Systems?

◯ Theoretical computer science
◯ Intersection of technology, business, and people
◯ Pure mathematics
◯ Hardware engineering

Which of the following are key topics in Computer Information Systems?

☐ Systems Analysis and Design
☐ Organic Chemistry
☐ Database Management Systems
☐ Information Security

Explain how the role of a Systems Analyst integrates both technical and business skills. Provide examples of tasks they might perform that require this integration.

Which programming language is commonly used in Computer Information Systems?

◯ Latin
◯ Java
◯ Ancient Greek
◯ Sanskrit

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Which skills are essential for a career in Computer Information Systems?

☐ Proficiency in programming languages
☐ Knowledge of ancient history
☐ Understanding of database management
☐ Ability to perform complex surgeries

Discuss the impact of emerging technologies like Artificial Intelligence and Machine Learning on the field of Computer Information Systems. How might these technologies change the role of a CIS professional?

Which of the following is a typical career path for a CIS graduate?

○ Marine Biologist
○ Database Administrator
○ Professional Athlete
○ Chef

What are some emerging areas in Computer Information Systems?

☐ Cloud Computing
☐ Renaissance Art
☐ Big Data Analytics
☐ Internet of Things (IoTs)

Describe the role of cybersecurity in Computer Information Systems. Why is it critical, and what are some common practices used to ensure information security?

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What is a primary benefit of using business intelligence tools in CIS?

◯ Enhancing artistic creativity
◯ Improving decision-making processes
◯ Reducinge physical exercise
◯ Increasing sleep duration

Which of the following are business and management skills important in CIS?

☐ Project management techniques
☐ Communication skills
☐ Knowledge of ancient mythology
☐ Problem-solving skills

How does project management contribute to the success of IT projects in the field of Computer Information Systems? Provide examples of tools and techniques used.

Which skill is crucial for effectively communicating technical information to non-technical audiences?

◯ Painting
◯ Communication skills
◯ Dancing
◯ Cooking

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Which of the following are trends impacting Computer Information Systems?

☐ Blockchain Technology
☐ Ancient Egyptian Architecture
☐ Big Data Analytics
☐ Internet of Things (IoTs)

Analyze the role of database management systems in organizations. How do they support business operations and decision-making?

Which emerging technology is known for its decentralized ledger system?

○ Blockchain Technology
○ Traditional Banking
○ Typewriters
○ Paper Filing Systems

Which of the following roles might a CIS graduate pursue?

☐ Information Security Analyst
☐ Fashion Designer
☐ Network Administrator
☐ Business Analyst

Evaluate the importance of networking and telecommunications in the modern business environment. How do they facilitate business operations and connectivity?

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What is the primary purpose of systems analysis and design in CIS?

○ To create artistic designs
○ To improve and develop information systems
○ To study ancient civilizations
○ To design fashion clothing

Which of the following are technical skills required in CIS?

☐ Understanding of networking protocols
☐ Ability to write poetry
☐ Knowledge of cybersecurity principles
☐ Proficiency in programming languages

Critically assess the role of business intelligence and analytics in strategic decision-making. How do these tools transform raw data into actionable insights?

Which career role focuses on protecting an organization's data and systems from cyber threats?

○ Information Security Analyst
○ Graphic Designer
○ Musicain
○ Chef

Which of the following are components of information security in CIS?

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☐ Data encryption
☐ Physical exercise
☐ Access control
☐ Network security

Discuss the significance of cloud computing in Computer Information Systems. What are its advantages and potential challenges for businesses?

Which common programming language is used for database management in CIS?

○ SQL
○ French
○ HTML
○ Spanish

Which of the following are considered emerging technologies in CIS?

☐ Artificial Intelligence
☐ Ancient Pottery
☐ Machine Learning
☐ Cloud Computing

Analyze how the integration of IoTs (Internet of Things) is transforming industries. What are the potential benefits and risks associated with IoTs in CIS?

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