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**Presidency University**

**Bengaluru**

**School Of Computer Science and Engineering & Information Science**

**End-Term Examinations, Aug 2024**

**Date**: 05.08.2024

**Time**: 9:30am – 12:30pm

**Max Marks**: 100

**Weightage**: 50%

**Odd Semester**: 2023 - 24

**Course Code**: CSE2055

**Course Name**: Information System Audit

**Department: CSE**

**Instructions:**

1. *Read the all questions carefully and answer accordingly.*
2. *Do not write any matter on the question paper other than roll number.*

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| **Q.No** | **Questions** | **Marks** | **CO** | **RBT** |
| 1 | 1. Define information and data, highlighting their distinctions. | 4 | CO1 | L1 |
| 1. Explain the process of generating information and discuss its importance as a corporate resource. | 6 | CO1 | L2 |
| 1. Discuss the different types of information and their respective features and qualities. How do these characteristics affect decision-making at various management levels? | 10 | CO1 | L3 |
| **OR** | | | | |
| 2 | 1. What are the characteristics of information, and why is it considered a valuable corporate resource? | 4 | CO1 | L1 |
| 1. Compare and contrast the information needs of top management, middle-level management, and operational management. | 6 | CO1 | L2 |
| 1. Describe the factors that influence information needs at different levels of an organization. Provide examples to illustrate your answer. | 10 | CO1 | L3 |

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| 3 | 1. What are the core concepts of a Management Information System (MIS)? | 4 | CO2 | L1 |
| 1. Describe the comprehensive and conceptual structure of MIS and discuss the common issues associated with its structure. | 6 | CO2 | L2 |
| 1. Explain the top-down and bottom-up approaches to MIS development. Which approach would you recommend for a new organization, and why? | 10 | CO2 | L3 |

**OR**

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| 4 | 1. What are the objectives of Enterprise Resource Planning (ERP)? Discuss the genesis and basic features of ERP systems. | 4 | CO2 | L1 |
| 1. What are the critical success factors for ERP implementation? Provide examples from popular ERP vendors like SAP, Oracle, and Microsoft. | 6 | CO2 | L2 |
| 1. Evaluate the benefits and limitations of ERP systems. How should an organization choose an appropriate ERP system/vendor? | 10 | CO2 | L3 |

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| 5 | 1. Define a system audit and explain its significance in modern organizations. | 4 | CO3 | L1 |
| 1. Outline the scope and process of an information system audit. | 6 | CO3 | L2 |
| 1. Discuss the impact of computers on auditing, specifically in terms of evidence collection and evaluation. | 10 | CO3 | L3 |

**OR**

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| 6 | 1. What are management controls, operational controls, and environmental controls? How are these aspects audited in a system audit? | 4 | CO3 | L1 |
| 1. Explain the effects of computers on auditing processes. How have they changed the nature of auditing? | 6 | CO3 | L2 |
| 1. Describe the role of systems audit in enhancing management functions within an organization. | 10 | CO3 | L3 |

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| 7 | 1. What is risk assessment in the context of audit planning? Why is it important? | 4 | CO4 | L1 |
| 1. Discuss the strategies for preventing, detecting, and correcting issues such as fraud, errors, and security breaches in computerized systems. | 6 | CO4 | L2 |
| 1. Explain the process and importance of change management and documentation standards in system audits. Provide examples of best practices. | 10 | CO4 | L3 |

**OR**

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| 8 | 1. What are the typical risks associated with computerized secretarial functions? How can these risks be mitigated through system audits? | 4 | CO4 | L1 |
| 1. Describe the use and significance of test packs in verifying input controls. | 6 | CO4 | L2 |
| 1. How do technology renewal and control measures contribute to a secure and efficient information system environment? Discuss with examples. | 10 | CO4 | L3 |

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| 9 | 1. Describe the role of audit in managing the risks associated with business interruption and competitive disadvantage. | 4 | CO5 | L1 |
| 1. How do preventive, detective, and corrective strategies differ in the context of risk management? Provide examples of each type. | 6 | CO5 | L2 |
| 1. Analyze the social costs and statutory sanctions that may arise from inadequate risk management in information systems. | 10 | CO5 | L3 |

**OR**

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| 10 | 1. Explain the concept of fraud in information systems. How can a systems audit help in detecting and preventing fraud? | 4 | CO5 | L1 |
| 1. What are the key considerations for technology renewal in the context of system audits? Discuss the potential risks of outdated technology. | 6 | CO5 | L2 |
| 1. Discuss the impact of controls and security measures on mitigating risks related to errors and vandalism in computerized systems. Provide case examples if possible. | 10 | CO5 | L3 |