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PRESIDENCY UNIVERSITY BENGALURU

 SCHOOL OF ENGINEERING

 Make Up EXAMINATION - JULY 2024

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| **Semester: V** | **Date: 10.06.2024** |
| **Course Code: CSE2055** | **Time: 9:30 am – 12:30 pm** |
| **Course Name: Information Systems Audit** | **Max Marks: 100** |
| **Program: BTech** | **Weightage: 100%** |

**Instructions:**

1. *Read all questions carefully and answer accordingly.*
2. *Question paper consists of 3 parts.*
3. *Scientific and non-programmable calculator are permitted.*
4. *Do not write any information on the question paper other than Roll Number.*

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| **PART A** |
|  **ANSWER ANY 5 QUESTIONS 5Q X 4M=20M** |
| 1 | Identify the recent trends in the Information Systems. Describe 5 such trends which are in use. | (CO1) | [Knowledge] |
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| 2 | Describe the Conceptual and Comprehensive structure of MIS? | (CO2) | [Knowledge] |
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| 3 | Describe digital evidence. As per the Request For Comments (RFC) 3227 document, what is the order of volatility to be followed while collecting the evidence data. | (CO3) | [Knowledge] |
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| 4 | Define vulnerability. Give one example of vulnerability that can be identified in the information systems briefly. | (CO4) | [Knowledge] |
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| 5 | Describe Information and tell how it is obtained from data? Tabulate the features and qualities of Information. | (CO1) | [Knowledge] |
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| 6 | Outline the 5 ERP Modules. | (CO2) | [Knowledge] |
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| 7 | Describe the effects of computers on Auditing? | (CO3) | [Knowledge] |
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| **PART B** |
|  **ANSWER ANY 5 QUESTIONS 5Q X 10M=50M** |
| 8 | Describe the information needs of top-level management. | (CO1) | [Understand] |
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| 9 | You have been appointed as the CEO of a company. Explain the steps to be followed to prepare a Strategic plan. | (CO2) | [Understand] |
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| 10 | Why is Change Management needed in Software Lifecycle? Explain in detail what happens during this process with appropriate diagram. | (CO3) | [Understand] |
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| 11 | While carrying out the threat identification process at your organization, explain about five 'human threats' that can exist. For each threat-source, describe the 'motivation' and 'threat actions'. | (CO4) | [Understand] |
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| 12 | Explain in detail the components of Information Systems. | (CO1) | [Understand] |
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| 13 | Explain Top down and bottom up approaches of MIS Development. | (CO2) | [Understand] |
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| 14 | If the role of Auditor is assigned to you in a computerized environment, as an Auditor, what are the controls you are going to evaluate? Explain validation of each control in detail. | (CO3) | [Understand] |
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| **PART C** |
|  **ANSWER ANY 2 QUESTIONS 2Q X 15M=30M** |
| 15 | Imagine you want to develop a website to manage day-to-day transactions. Suggest basic elements and modules of your Transaction Processing System. | (CO2) | [Application] |
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| 16 | What are the Norms and Procedures in Computerization? Specify in detail the major components of software development. | (CO3) | [Application] |
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| 17 | Classify the Risk Assessment activities and explain each activity in detail. Sketch the classification with inputs and outputs for all the activities. | (CO4) | [Application] |
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