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**PRESIDENCY UNIVERSITY**

**Bengaluru**

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| **End - Term Examinations – JANUARY 2025** |
| **Date:** 08/ 01/ 2025 **Time:** 09:30am – 12:30pm |

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| **School:** School of Engineering | **Program:** B. Tech -CIV | |
| **Course Code:** CIV3044 | **Course Name:** E-Governance | |
| **Semester**: V | **Max Marks**: 100 | **Weightage**: 50% |

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| **CO - Levels** | **CO1** | **CO2** | **CO3** | **CO4** |
| **Marks** | **24** | **24** | **26** | **26** |

**Instructions:**

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

**Part A**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Answer ALL the Questions. Each question carries 2marks. 10Q x 2M=20M** | | | | |
| **1** | Outline the challenges of adopting Open-Source Software (OSS) in E-Governance Initiatives | **2 Marks** | **L1** | **CO3** | |
| **2** | Identify the key one-time costs involved in implementation of E-Government Project | **2 Marks** | **L1** | **CO3** | |
| **3** | List the benefits of Data Mining in E-Governance | **2 Marks** | **L1** | **CO3** | |
| **4** | Define G2C and G2B | **2 Marks** | **L1** | **CO2** | |
| **5** | List any two objectives of NeGP | **2 Marks** | **L1** | **CO1** | |
| **6** | Outline the challenges of E-Governance | **2 Marks** | **L1** | **CO1** | |
| **7** | List any two Mobile applications launched under M-Governance along with their function | **2 Marks** | **L1** | **CO2** | |
| **8** | List out the functions of State Data Centers | **2 Marks** | **L1** | **CO4** | |
| **9** | List any 4 principles of e-Kranti: NeGP 2.0 | **2 Marks** | **L1** | **CO4** | |
| **10** | Define Common Services Centers (CSC) | **2 Marks** | **L1** | **CO4** | |

**Part B**

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| **Answer the Questions Total 80 Marks.** | | | | | | |
| **11.** | **a.** | Describe the evolution of GovTech | **10 Marks** | **L2** | **CO1** |
| **11.** | **b.** | Explain the application of (i) Artificial Intelligence & Data Analytics and (ii) Cloud Computing in E-Governance | **10 Marks** | **L2** | **CO1** |
| **or** | | | | | | |
| **12.** | **a.** | Explain any three Digital India Initiatives | **10 Marks** | **L2** | **CO1** |
| **12.** | **b.** | List the Four Pillars of NeGP and explain its key benefits. | **10 Marks** | **L2** | **CO1** |
|  |  |  |  |  |  |
| **13.** | **a.** | Government-to-citizen (G2C) refers to the government services that are accessed by the people. The primary goal of G2C is to provide facilities to the citizen. It helps ordinary people to reduce the time and cost to conduct a transaction. Describe any four G2C initiatives of the Indian Government. | **10 Marks** | **L2** | **CO2** |
| **13.** | **b.** | Describe in detail: (i) Broadcasting Model and (ii) Critical Flow Model of E-Governance | **10 Marks** | **L2** | **CO2** |
| **or** | | | | | | |
| **14.** | **a.** | Explain the objectives of M-Governance | **10 Marks** | **L2** | **CO2** |
| **14.** | **b.** | Define G2G and review the reasons for introducing G2G Governance. | **10 Marks** | **L2** | **CO2** |

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| **15.** | **a.** | Explain the various implementation elements of e-governance. | **10 Marks** | **L2** | **CO3** |
| **15.** | **b.** | Differentiate between Data Mining and Data Warehousing | **10 Marks** | **L2** | **CO3** |
| **or** | | | | | | |
| **16.** | **a.** | Describe the need for data mining in E-Governance | **05 Marks** | **L2** | **CO3** |
| **16.** | **b.** | A long term and a short-term strategy for e-Governance implementation is the need of the hour. For successful implementation of the e-Governance projects Standards, Infrastructure, Legislations and Strategy need to be in place. In this context, explain the various strategies for implementation of E-Governance in India. | **15 Marks** | **L2** | **CO3** |

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| **17.** | **a.** | Explain the purpose of e-Kranti: NeGP 2.0 | **10 Marks** | **L2** | **CO4** |
| **17.** | **b.** | Describe the thrust areas of e-Kranti: NeGP 2.0 | **10 Marks** | **L2** | **CO4** |
| **or** | | | | | | |
| **18.** | **a.** | List any 3 Mission Mode Projects along with their key components. | **05 Marks** | **L2** | **CO4** |
| **18.** | **b.** | SWOT analysis is a strategic planning tool used to identify and evaluate the Strengths, Weaknesses, Opportunities, and Threats of an organization, situation, project. This analysis helps in making informed decisions, setting priorities, and developing strategic plans. Given this context, explain the SWOT analysis for e-Kranti: National e-Governance Plan 2.0. | **15 Marks** | **L2** | **CO4** |

**\*\*\*\*\* BEST WISHES \*\*\*\*\***