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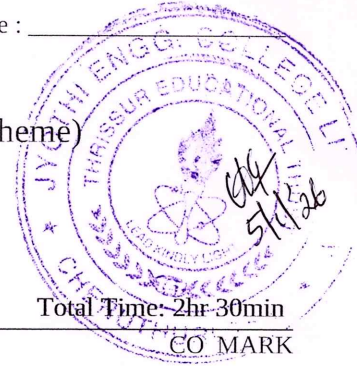
Name : _____



Jyothi Engineering College(Autonomous)

M.Tech Degree S1 (R) Examination, December 2025 (2025 Scheme)

25PCSE102- CLOUD COMPUTING



Total Mark: 60

Total Time: 2hr 30min

CO MARK

PART A

Answer All Questions

- | | |
|--|---------|
| 1. Explain your understanding about Taxonomy of Virtualization. | CO1 (5) |
| 2. Discuss about server virtualization with necessary figures. | CO2 (5) |
| 3. Define cloud computing. Explain the concept with a block diagram. | CO3 (5) |
| 4. Write a note on Map Reduce and Hadoop concept. | CO6 (5) |
| 5. Illustrate the major security challenges in Trust management with examples. | CO5 (5) |

PART B

Answer Any Five Question(s)

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|---|---------|
| 6. Explain Simulation, Emulation and Code Translation with examples. | CO1 (7) |
| 7. Elaborate about Memory virtualization with suitable examples and diagrams. | CO2 (7) |
| 8. Discuss about the functional modules of AWS. | CO4 (7) |
| 9. What is Cloud Software environments? Describe about different softwares with examples. | CO6 (7) |
| 10. How to model Trust and how can we manage Trust with respect to cloud management? | CO5 (7) |
| 11. Illustrate the concept of CPU virtualization with a neat diagram. | CO2 (7) |
| 12. With a neat diagram, explain the Generic Cloud architecture and components. | CO3 (7) |
