

# School of Computing Science and Engineering

B.Tech CSE  
ETE - Jun 2023

Time : 3 Hours

Marks : 50

## Sem II - MSCS1250 - Cloud Infrastructure Services and Virtualization

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

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|-----|--|------------|
| 1.  | Examine Resource Pool in virtualization infrastructure?  | K4 CO3 (2) |
| 2.  | Examine the concept of Provision Virtual Machines.   | K4 CO5 (2) |
| 3.  | Identify the importance of virtualization in cloud computing.  | K3 CO4 (2) |
| 4.  | Classify between elasticity and scalability in cloud computing.                                      | K2 CO1 (2) |
| 5.  | Define Community Cloud computing deployment model.   | K1 CO2 (2) |
| 6.  | Design and explain a taxonomy of virtual Machine in Virtualization.                                  | K6 CO3 (6) |
| 7.  | Organize the elements of cloud computing architecture with the help of suitable example and diagram. | K3 CO1 (5) |
| 8.  | Categorize between parallel computing and distributed computing system with suitable examples.       | K4 CO2 (5) |
| 9.  | Distinguish between Emulation and Interpretation in cloud computing.                                 | K4 CO3 (8) |
| 10. | Explain server virtualization in cloud computing.  | K5 CO5 (8) |
| 11. | Justify the importance of Virtualization Management. Explain its types.                              | K5 CO4 (8) |