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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
 (AUTONOMOUS)
B.Tech IV Year II Semester Regular & Supplementary Examinations July-2021
CLOUD COMPUTING
 (Computer Science and Engineering)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

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|---|--|----|----|
| 1 | a Explain about cloud computing over the internet. | L2 | 6M |
| | b Write briefly about grid computing infrastructures | L2 | 6M |

OR

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|---|---|----|----|
| 2 | a Elaborate the concept of virtualization middleware and virtual machine? | L6 | 6M |
| | b Explain the data centre virtualization for cloud computing? | L5 | 6M |

UNIT-II

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|---|--|----|----|
| 3 | a Explain in detail about cloud infrastructure management. | L2 | 6M |
| | b What is KVM? Explain in detail. | L1 | 6M |

OR

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|---|--|----|----|
| 4 | a Identify the seven step model of integration into a cloud? | L3 | 8M |
| | b What are the SaaS integration products and platforms? | L1 | 4M |

UNIT-III

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|---|--|----|----|
| 5 | a State and explain virtual machine provision and manageability? | L4 | 6M |
| | b Define migration and explain about migration services. | L2 | 6M |

OR

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| 6 | a Explain the Comet cloud architecture. | L1 | 6M |
| | b Distinguish between cloud bursting and cloud bridging. | L4 | 6M |

UNIT-IV

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| 7 | List and explain the different phases in the SLA management. | L4 | 12M |
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OR

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| 8 | Discuss briefly about cloud best practices. | L6 | 12M |
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UNIT-V

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| 9 | Explain about benefits of mobile cloud computing. | L2 | 12M |
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OR

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| 10 | a Compare mobile computing and cloud computing | L2 | 6M |
| | b Write about data access in mobile cloud computing. | L2 | 6M |

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