

**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)**

**MCA II Year II Semester Regular & Supplementary Examinations April-2026
CLOUD COMPUTING**

Time: 3 Hours**Max. Marks: 60**

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

UNIT-I

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|---|---|--|-----|----|----|
| 1 | a | Define cloud computing? Explain advantages of cloud computing. | CO1 | L1 | 6M |
| | b | Discuss about characteristics of cloud computing. | CO1 | L1 | 6M |

OR

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|---|--|--|-----|----|-----|
| 2 | | Define Monitoring-as-a-Service. Write a brief description on it. | CO1 | L2 | 12M |
|---|--|--|-----|----|-----|

UNIT-II

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|---|---|---|-----|----|----|
| 3 | a | What is Collaboration in Building Cloud Networks? Explain the benefits. | CO2 | L1 | 6M |
| | b | Describe basic approach to a Data Center based SOA. | CO2 | L1 | 6M |

OR

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| 4 | | Explain the steps involved in downloading & installing sun xVM VirtualBox. | CO2 | L2 | 12M |
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UNIT-III

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|---|---|---|-----|----|----|
| 5 | a | Define Federation in the Cloud. | CO3 | L1 | 4M |
| | b | Identify the role of federation in the Cloud. | CO3 | L3 | 8M |

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| 6 | | What are Cloud security challenges? Analyze and explain them clearly. | CO3 | L4 | 12M |
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UNIT-IV

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| 7 | | What are the standards for Application Developers? Explain. | CO4 | L2 | 12M |
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| 8 | a | Analyze and write a short note on Zimbra. | CO4 | L4 | 6M |
| | b | Analyze and write a short note on Zoho. | CO4 | L4 | 6M |

UNIT-V

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|---|---|---|-----|----|----|
| 9 | a | What is a Smart phone? | CO5 | L1 | 6M |
| | b | Discuss about Mobile Operating Systems for Smartphones. | CO5 | L2 | 6M |

OR

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|----|--|---|-----|----|-----|
| 10 | | Identify the collaboration applications for Mobile platforms. | CO5 | L3 | 12M |
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