



DTE Code: EN4119

Samridhi Sarwajyik Charitable Trust's
JHULELAL INSTITUTE OF TECHNOLOGY
 An Autonomous Institute affiliated to RTM Nagpur University
 Department of Computer Science & Engineering
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 Vision: To emerge as the best Computer Science & Engineering Department through
 Quality Education, Industry alliances & Collaborative Research



NAAC A+ Accredited

Continuous Assessment Examination - I
Session: 2024-25 [Odd-24]

Branch : Computer Science and Engineering

Course Name: CADS

Date of Examination: 13/08/24

Time: 1 hrs

Instructions to candidate:

- a) All questions carry marks as indicated
 b) Assume suitable data wherever necessary.

Semester: 3rd

Course Code: CSPC20

Max. Marks: 15 Mark

1.A	Explain computer architecture with the help of block diagram.	(BL 2) (CO1)	5M
1.B	Compare between RISC vs CISC architecture	(BL 4) (CO1)	5M
OR			
2.A	Explain various categories of Instruction set classification and evaluate $P=(w-x)+(y*z)$ using 3,2,1,0 address instruction.	(BL 5) (CO1)	5M
2.B	Evaluate Floating Point Representation $(274.1625)_{10}$ number in single and double precision format.	(BL 5) (CO1)	5M
3.	Explain different technologies for building processor and memory.	(BL 2) (CO2)	5M
OR			
4.	Elaborate Performance and the power wall.	(BL 6) (CO2)	5M