

No Preview
Available

Total No. of Question : [4]

Registration No. :

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Programme Name : Bachelor of Computer Science Engineering
Regular S.Y.B.Tech. ESE (A.Y. 2023-24) Sem. III Nov.2023
III SEMESTER (2022 BATCH)
201CSL203-Computer Organization & Microprocessors-TH

Duration : [11:00 AM - 01:00 PM]

Date : 28 Nov, 2023

Day : Tuesday

Marks : 50

Instructions :

(Q1) Attempt Any FOUR [20.0]

(1.1) Draw and explain IBM 360 architecture [5.0]

CO :- CO1

Blooms Taxonomy :- Understand

(1.2) Describe functioning of Ripple Carry Adder [5.0]

CO :- CO2

Blooms Taxonomy :- Apply

(1.3) Compare and Contrast between RISC & CISC architectures [5.0]

CO :- CO1

Blooms Taxonomy :- Understand

(1.4) Explain with example different types of Instruction categories [5.0]

CO :- CO1

Blooms Taxonomy :- Understand

(1.5) Describe VLSI era [5.0]

CO :- CO1

Blooms Taxonomy :- Understand

(Q2) Attempt Any TWO [10.0]

(2.1) Write assembly language program to subtract two 8 bit numbers [5.0]

CO :- CO2

Blooms Taxonomy :- Apply

(2.2) Describe any FIVE assembler directives with syntax [5.0]

CO :- CO2
Blooms Taxonomy :- Apply

(2.3) Draw with example 2 and 3 bytes instruction formats of 8085 [5.0]

CO :- CO2
Blooms Taxonomy :- Apply

(Q3) All sub questions compulsory [10.0]

(3.1) Explain various types of interrupts used in 8085 [5.0]

CO :- CO3
Blooms Taxonomy :- Understand

(3.2) Explain serial data transfer facility of 8085 [5.0]

CO :- CO3
Blooms Taxonomy :- Understand

(Q4) All sub questions compulsory [10.0]

(4.1) Write a note on CPU v/s GPU [5.0]

CO :- CO4
Blooms Taxonomy :- Understand

(4.2) Explain various features of NVIDIA graphics processor [5.0]

CO :- CO4
Blooms Taxonomy :- Understand
