

Day and Date: Friday, 21/01/2022

Time: 11.00am to 12.30 Pm

Seat No :

Max. Marks- 50

Instructions:

- i. All Questions are compulsory.
- ii. Figure to the right indicate full marks.
- iii. Give suitable general Instructions
- iv. Any other Course Specific Instructions.

BT	CO's	Q. No.	Attempt the following	Marks
		Q.1	Attempt the following	20
2		a	Explain different computer generations in brief.	7 Marks
2		b	Explain Ripple Carry Adder (RCA) with diagram.	7 Marks
4		c	Differentiate RISC and CISC.	6 Marks
2		Q.2	Attempt the following ** Optional question shall be given to either sub-question 'a' or sub-question 'b'	15
2		a	What is Instruction level Parallelism? Or What is Grid Computing?	7 Marks
2		b	Write a Short note on Crypto processor.	8 Marks
		Q.3	Attempt the following	15
2		a	With a neat labeled diagram explain 8051 microcontrollers.	7 Marks
2/4		b	Classification of instruction set of 8085 with an example. Or Compare Intel i3, Intel i5 and Intel i7.	8 Marks