

Total No. of Questions – [2]

Total No. of Printed Pages: 1

G.R. No.	
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PAPER CODE	V124-374
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March 2024 (INSEM) EXAM
F.Y. B.TECH^{CSE} IOT-CSBT (SEMESTER - II)
COURSE NAME: BASICS OF IOT
COURSE CODE: CI12234

(PATTERN 2023)

Time: [40 Min]

[Max. Marks: 20]

(*) Instructions to candidates:

- 1) Figures to the right indicate full marks.
- 2) Use of scientific calculator is allowed
- 3) Use suitable data wherever required
- 4) Solve any two sub questions from Question 1 and 2

Question No.	Question Description	Marks	CO mapped	Blooms Taxonomy Level
Q.1	a) Describe the fundamental components and principles of the Internet of Things (IoT)	[5]	CO1	Understand
	b) Identify and categorize five real-world scenarios where the Internet of Things (IoT) technology is currently being utilized to enhance efficiency or improve quality of life.	[5]	CO1	Analyze
	c) With the help of IOT functional block diagram explain IOT.	[5]	CO1	Apply
Q2	a) Differentiate between Microprocessor & Microcontroller	[5]	CO2	Analyze
	b) Draw labeled pinout diagram of microprocessor and elaborate working of address and data bus	[5]	CO2	Understand
	c) Analyze the evolution of microprocessor	[5]	CO2	Analyze

