Total No. of Questions: [03]   Total No. of Printed Pages: [01]

PRN	

PAPER CODE	U321-233(ESE)

MAY 2022 - ENDSEM EXAM
T.Y.B.TECH. (COMPUTER ENGINEERING) (SEMESTER- II)
COURSE NAME: INTERNET OF THINGS
COURSE CODE: CSUA32183
(PATTERN 2018)

Time: [1 Hr]   Max. Marks: [30]

Instructions to candidates:
1) **Figures to the right indicate full marks.**
2) **Use of scientific calculator is allowed**
3) **Use suitable data where ever required**

Q1   a) Comprehend any four security threats IoT.   [4]
       b) Elaborate the security requirements for any real time IoT   [6]
       application.
                          OR
       b)Illustrate Man in middle and replay attack with figure.   [6]

Q2   a) Write a short note on mobile cloud computing and draw its   [4]
       architecture.
       b) Demonstrate challenges in cloud computing with an example.   [6]
                          OR
       b) Exemplify the essential characteristics of the cloud computing   [6]
       with an example.

Q3   a) Design the system for smart vehicle parking.   [4]
       b) Design an IoT based system for Air Pollution Monitoring.   [6]
       OR
       b) Summarize components required for building IoT based health
       monitoring system and design the system   [6]