

Total No. of Questions: [06]

Total No. of Printed Pages: [01]

G.R. No.	
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MAY 2022 / INSEM+ENDSEM
F. Y. M. TECH. (COMPUTER ENGINEERING)
(SEMESTER - II)
COURSE NAME: CYBER PHYSICAL SYSTEM
COURSE CODE: CSPA12202
(PATTERN 2020)

Time: [3 Hours]

[Max. Marks: 60]

Instructions to candidates:

- 1) All Questions are compulsory
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed
- 4) Use suitable data where ever required

- Q.1) Identify and elaborate various modern day IoT applications and connectivity layers. [10]
- Q.2) Draw and explain i) RFID system components ii) Tag block diagram of RFID. [10]
- Q.3) Identify and elaborate requirements for IoT device management and scalability. [10]
- Q.4) Discuss best practices for securing devices in IoT. [10]
- Q.5) Design class diagram for IdMS system. [10]
- Q.6) Draw and explain Structures of the Internet of Things for trust management. Also write brief note on web services security. [10]