

M.Sc. 3rd Semester Examination, 2024

COMPUTER SCIENCE

PAPER — COS-303

Full Marks : 50

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

[E : IoT & Embedded System]

GROUP—A

Answer any four questions : 2 × 4

- 1. What is IoT ?**
- 2. What are the characteristics of IoT ?**

(Turn Over)

(3)

11. What is sensor ? Explain the different classes of sensor based on data types. 1 + 3
12. Draw and explain the functional block of IoT.

GROUP – C

Answer any two questions : 8 × 2

13. What are the different levels of IoT ? Explain each of them. 2 + 6
14. Explain the communication model of IoT.
15. What are the different types of actuators ? Briefly explain any two of them. 1 + 7
16. Discuss the architectural constraints of REST ?

[Internal Assessment – 10 Marks]

