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SDCCA303

III Semester B.C.A./B.C.A.(DS) Degree Examination,
December/January - 2025/26
(SEP Scheme Freshers)
COMPUTER APPLICATIONS
Internet of Things(IoT) (Elective)
Paper - DSE1

Time : 1½ Hours

Maximum Marks : 40

Instructions:*Answer all the sections.***SECTION - A**

I. Answer any Five questions. Each question carries 2 marks. (5×2=10)

1. Define IoT.
2. Mention any two characteristics of IoT.
3. What is data processing in IoT?
4. What is remote sensing?
5. Define actuator.
6. What is an IoT device?
7. Define authentication.
8. What is edge computing?

SECTION - B

II. Answer any Five questions. Each question carries 6 marks. (5×6=30)

9. Briefly discuss role of cloud in IoT.
 10. Explain the following IoT applications: (3+3)
 - i) Smart Cities.
 - ii) Agriculture.
 11. How IoT products the environment? Explain.
 12. What is a sensor? Write the features of sensor.
 13. What are sensor classes in IoT? Explain.
 14. Explain any three types of actuators.
 15. Write a note on data acquisition.
 16. Briefly discuss authorization of devices in IoT.
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