

Roll No. 2292300309

Total No. of Questions : 8]

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B.Tech. IVth Semester (New Scheme) CSE

Examination, 2023

Internet of Things

Paper-CS-403

Time : 3 Hours]

[Maximum Marks : 60

Note :- Attempt any five questions. All question carry equal marks.

1. (a) Discuss the IOT components with diagram ?

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(1)

P.T.O.

- (b) Explain the various IOT communication on APIs?
2. (a) Discuss the detail about arduino with diagram?
(b) What zigbee? Discuss its use and compare zigbee and zigbee IP.
3. (a) Explain with example in QTT protocol what is role of in QTT protocol in IOT.
(b) Explain in detail IP addressing in IOT.
4. What do you mean by data storage and cloud based services?
5. (a) Discuss the structure of python programming for raspberry PI?
(b) Explain in detail the need of data analytics for IOT?
6. (a) Explain actuators & sensor with respect to IOT?
(b) Explain media access control?
7. (a) Discuss the different type of sensors using in IOT?
(b) Compare ICP and UDP?

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(2)

8. (a) Define cloud computing? Explain various services provided by the cloud.
(b) Discuss role of machine learning in IOT?

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(3)

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