

Roll No. 2282300212

Total No. of Questions : 8]

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EXS-214

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.

(a) Discuss the IOT components with diagram ?

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(1)

P.T.O.

- ~~(b)~~ Explain the various IOT communication on API's ?
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 rasperry 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 ?

8. (a) Define cloud computing ? Explain various services provided by the cloud.

(b) Discuss role of machine learning in IOT ?
