



AUTUMN MID SEMESTER EXAMINATION-2019

Seventh Semester B.Tech & B.Tech Dual Degree

SUBJECT NAME: INTERNET OF THINGS

SUBJECT CODE: IT4021

(For Regular & Previous Admitted Batches)

Time: 1.5 Hours

Full Marks: 20

Answer any Four questions.

Question number 1 is compulsory.

Candidates are required to give their answers in their own words as far as practicable and all parts of a question should be answered at one place only.

- 1) a. What is the role of things and internet in IOT? [1x5]
b. Diagrammatically represent Request and Response communication model.
c. Why do IOT systems have to be self adapting and self configuring?
d. Which communication protocols are used for M2M Local Area Network?
e. what is an IOT Device?
- 2) Describe an example of IOT service that uses publisher-subscriber communication model. [5]
- 3) Explain IOT Level 6 and IOT Level 4 in detail. [5]
- 4) Determine the IOT levels for designing home automation IOT system including smart lighting intrusion detection. [5]
- 5) What are the differences between machines in M2M and things in IOT? [5]
- 6) How do data collection and analysis approaches differ in M2M and IOT? [5]
- 7) What are the various service types? [5]