

Total No. of Questions – [09]

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G.R. No.	
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Paper Code: P119 -144 (ESE)

DECEMBER 2019 / END-SEM

F. Y. M. TECH. (E&TC) (SEMESTER -I)

COURSE NAME: IOT and Applications

COURSE CODE: ETPA11184A

(PATTERN 2018:R1)

Time: [3 Hour]

[Max. Marks: 50]

(*) Instructions to candidates:

- 1) Answer Q.1, Q.2, Q.3, Q.4 OR Q.5, Q.6 OR Q.7, Q.8 OR Q.9
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed
- 4) Use suitable data where ever required

Q.1) a) " IOT is the Need of the Hour" Explain. [3]

OR

b) Write and explain DATA security in IOT [3]

Q.2) a) Explain advantages of IOT in health management systems. [3]

OR

b) Draw and explain IOT Architecture. [3]

Q.3) a) What is IOT Reference architecture. [2]

OR

b) Draw Operational view of IOT [2]

Q.4) a) What do you mean by Brownfield IOT? [4]

b) State and explain architecture for HOME management by using IOT. [10]

OR

Q.5) a) What is Industry 4.0 ? Explain the Fundamental changes at system level. [4]

b) Explain any Four aspects of your business to master IOT. [10]

Q. 6) a) Define RISK in IOT. Explain any two types . [4]

b) State and Explain five Privacy issues . [10]

OR

Q.7) a) What is Ethics in IOT Networks ? Explain with a smart city example. [4]

b) Draw Explain IOT security and Privacy intrusion flow. [10]

Q.8) a) Write and elaborate two shortcomings' of FP7 . [4]

b) What is SMARTIE? State and explain any four Objectives of Smartie. [10]

OR

Q.9) a) Write strategic objectives of FP7 (any four) [4]

b) Explain Security, Privacy and Trust in IoT data-Platforms for Smart Cities [10]

----- All The Best -----