

Total No. of Questions : 4]

SEAT No. :

P8997

[Total No. of Pages : 2

OCT-22/BE/Insem-160

B.E. (Honours in Cyber Security)

INTERNET OF THINGS AND EMBEDDED SECURITY

(2019 Pattern) (Semester - VII) (410401)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates :

- 1) Neat diagrams must be drawn wherever necessary.
- 2) Assume suitable data if necessary.
- 3) Attempt Q.1 or Q.2, Q.3 or Q.4.
- 4) Figures to the right indicate full marks.

Q1) a) What is information assurance? Explain the classic pillars of Information assurance. [5]

b) Explain the different threats in IoT. [5]

c) Explain different attack types in IoT. [5]

OR

Q2) a) Describe the counter measures for the different attack in IoT. [5]

b) Explain CPS in IoT. [5]

c) Explain Common IoT attack types. [5]

Q3) a) Explain threat modeling for IoT system. [5]

b) Explain security in agile developments with respect to IoT. [5]

c) Discuss security challenges in IoT Development. [5]

OR

P.T.O.

Q4) a) Explain : [5]

i) Privacy impact assessment.

ii) Safety impact assessment.

b) What are security Issues in IoT? [5]

c) Explain security in agile developments with respect to IoT? [5]

