

Total No. of Questions : 6]

SEAT No. :

[Total No. of Pages : 2

P121

Oct.-16/B.E./Insem.-180

B.E. (Computer) (Semester - I)

EMBEDDED SECURITY

(2012 Pattern) (Theory)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Attempt Q.1 or Q.2, Q.3 or Q.4,Q.5 or Q.6.*
- 2) *Draw neat diagram wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Assume suitable data, if necessary.*

- Q1)** a) Explain Heartbleed attack with example. [6]
b) Explain boot Integrity. [4]

OR

- Q2)** a) Write Note on BYOD. [6]
b) Note on implementation and review phase of security development life cycle. [4]

- Q3)** a) Explain Security Management engine's hardware architecture. [6]
b) Explain RSA Algorithm. [4]

OR

- Q4)** a) Write note on ARM trust zone. [6]
b) Explain bus isolation in security Management engine. [4]

P.T.O.

- Q5)** a) Explain in details Memory Manager for threat analysis and migration.[6]
b) Write a brief [4]
i) Exception handler in threat analysis and migration.
ii) Non-Privileged tasks protection.

OR

- Q6)** a) Types of revocation schemes in EPID. [6]
b) Explain in detail SIGMA protocol. [4]

