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AUC002

B. Tech.

(SEM. II) THEORY EXAMINATION, 2014-15

CYBER SECURITY

Time : 2 Hours]   [Total Marks : 50

1   **Attempt any four questions :**   4×3=12

(a)   What do you understand by information
system(IS) ? Discuss various advantages of
information system.

(b)   What are the various components of information
system, discuss ?

(c)   How the information system is helpful to business
organizations ?

(d)   Write short note on the classification of information
system.

(e)   Differentiate between Information System(IS) and
Information Assurance(IA).

(f)   What do you understand by cyber bullies and
predators ?

111111]   1   [Contd...

2 **Attempt any four questions :**   4×3=12

(a) What major challenges are faced by software vendors regarding the security of applications?

(b) Give two general methods that are widely used to prevent security threats.

(c) Describe various data security considerations with examples.

(d) Explain any one security technology that is used for data and application security.

(e) Differentiate between hardware and software firewall.

3 **Attempt any two questions :**   2×6=12

(a) What do you understand by information security governance and risk management ?

(b) What are the primary measures applied for the security of backup ?

(c) Write short notes on Closed circuit television (CCTV) surveillance.

4 **Attempt any two questions :**   2×7=14

(a) What are the main objectives and scope of IT Act 2000 ?

(b) Provide an overview of intellectual property related legislation in India.

(c) What is Smart card ? Differentiate between Credit and Debit card.

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