Printed Pages : 2

AUC002

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 111111

Roll No.

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 ?

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.