

AUC002

Roll No.

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MCA
(SEM III) ODD SEMESTER EXAMINATION 2015-16
CYBER SECURITY

[Time: 2 hrs]

[Max. Marks: 50]

Note- Attempt All Questions. All Questions carry equal marks:-

Q1. Attempt Any two questions:

7X2=14

- a. What do you mean by information system? Discuss the various types of information system.
- b. What is the Purpose of waterfall model? Write down all the steps used in this model.
- c. Differentiate between cyber security and information security. What specific measures need to be taken to maintain cyber security?

Q2. Attempt Any two questions:

6X2=12

- a. Why is it important to secure applications in any organization? Discuss the challenges to for application security.
- b. What is VPN? Name the vulnerabilities possible to VPN and explain them in short.
- c. Explain the following terms:
 - i. Trojan horses
 - ii. Logic bombs
 - iii. Spoofing

Q3. Attempt Any two questions:

6X2=12

- a. How do you integrate security at the development phase and implementation phase of an application?
- b. Discuss the information system governance and risk management
- c. How can you assure the physical security of IT assets? Discuss.

Q4. Write short notes on any two of the followings:

6X2=12

- a. Information security policies
- b. Patents
- c. Copyrights