

**MASTER OF BUSINESS ADMINISTRATION
(MBACT)**

Term-End Examination

00770

December, 2014

MCTE-021 : NETWORK SECURITY

Time : 3 hours

Maximum Marks : 100

Note : Answer any *five* questions. All questions carry equal marks.

1. (a) Briefly explain different kinds of threats to information security. 10
(b) What are different kinds of malicious codes ? Explain them in brief. 10

2. What are information security goals ? Explain why the balance among the different goals is needed. 20

3. Write a note on Kerberos system that supports authentication in distributed system. What do you mean by a dongle ? 20

4. (a) How is physical security providing for protection needed outside the protection system ? 10
- (b) Explain Advanced Encryption Standard algorithm in detail. 10
5. Distinguish between any **two** of the following : 10+10=20
- (a) Anti-virus software or an Intrusion prevention system
- (b) ID and Password
- (c) Hacking and Spamming
6. Explain the following acronyms : 4×5=20
- (a) TCP/IP
- (b) SSL
- (c) PHP
- (d) WAN
7. Briefly comment on any **two** of the following : 10+10=20
- (a) Network security is involved in organisations, enterprises and other types of institutions.

- (b) The most common and simple way of protecting a network resource is by assigning it a unique name and a corresponding password.
- (c) Security management for networks is different for all kinds of situations.

8. Write short notes on any *two* of the following : *10+10=20*

- (a) Data Encryption Standard
 - (b) Proxy Server
 - (c) LAN Switches
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