

This question paper contains 2 printed pages]

BV—18—2016

FACULTY OF COMPUTER STUDIES
M.Sc. (SAN) (Fourth Semester) EXAMINATION
NOVEMBER/DECEMBER, 2016
(New/Revised Course)
SYSTEM ADMINISTRATION AND NETWORKING
Paper SAN-403
(Network Security)

(Tuesday, 22-11-2016)

Time : 2.00 p.m. to 5.00 p.m.

Time—Three Hours

Maximum Marks—75

N.B. :— (i) All questions are compulsory.

(ii) Assume suitable data, if necessary.

1. Attempt any *three* of the following : 15
 - (a) Explain need for security in detail.
 - (b) Explain concept for DNS.
 - (c) Explain model for network security.
 - (d) Explain open source firewall.
 - (e) Proxy server.
2. Answer the following : 15
 - (a) What is principle of security ?
 - (b) Explain types of Attack.
 - (c) Explain VLAN configuration.
 - (d) Explain digital signature.
3. Solve the following : 15
 - (a) Explain OSI security architecture.
 - (b) Explain types of virus.
 - (c) Explain substitution techniques.
 - (d) Spanning.

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BV—18—2016

4. Answer the following (any *three*) :

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- (a) What is firewall ? Explain.
- (b) What is Steganography ?
- (c) Explain cyber squcuting.
- (d) Explain concept for meta tag.

5. Write short notes on any *three* :

15

- (a) Encryption and decryption
- (b) Trojans virus
- (c) Passive attack
- (d) Wi-Fi
- (e) Router Configuration.

BV—18—2016

2