

A2217-2015
BCA-6

Paper No: 605- Cryptography and network security

Semester -6
Duration : 2-30 HRS

Subject-code: 3467
Total Marks: 70

Q-1 Answer the following question

- A Explain the basic types of encryption. 7
B What is steganography? Explain in detail. 7

OR

- A Explain the cryptographic keys and differentiate them. 7
B Explain symmetric cipher model in detail. 7

Q-2 Answer the following question

- A Explain Active and Passive attack with example. 7
B Write short note on security service. 7

OR

- A Explain OSI security architecture in detail. 7
B Write short note on security mechanism. 7

Q-3 Answer the following question.

- A Write short note on Router. 7
B Explain IP security in detail. 7

OR

- A Write short note on Switch. 7
B Explain Application of IP security. 7

Q-4 Answer the following question

- A Write short note on bridge. 7
B Define. Networking Hardening. Explain in detail. 7

OR

- A Differentiate. Hub and Switch 7
B What is centralizing account management? Explain SNMP and ICMP. 7

Q-5 Answer the following question

- A Define. Firewall And Explain its functions. 7
B Write short Note on Virtual Private Network. 7

OR

- A Explain VPN protocols. 7
B Explain Wireless network security in detail. 7