

**BACHELOR OF COMPUTER APPLICATIONS
(BCA) (Pre-Revised)**

Term-End Examination

00551

December, 2017

CS-75 : INTRANET ADMINISTRATION

Time : 2 hours

Maximum Marks : 60

Note : Question no. 1 is compulsory. Answer any three questions from the rest.

1. (a) Differentiate between the following : 10
- (i) CDMA vs GSM technology
 - (ii) Interior Gateway Protocol vs Exterior Gateway Protocol
 - (iii) Primary web server vs AOL server
 - (iv) IMAP vs POP3
- (b) Define RARP. Mention its use. Depict the RARP message format and explain each of its fields. 10
- (c) Describe encryption/decryption as a method of ensuring security. Discuss any three methods of implementation. 10

2. (a) List and explain the steps for configuring a web server. You can assume any common web server as an example. 5
- (b) Define an Intranet Authoring Tool. Explain any one authoring tool briefly. 5
3. (a) List and explain any five advantages of Intranet for an organisation. 5
- (b) What are firewalls and their uses in Intranet ? Explain proxy server firewall architectures. 5
4. (a) How are PPP and SLIP used in Intranet ? Explain briefly. 5
- (b) What is Common Gateway Interface (CGI) ? How does it work ? Discuss the disadvantages of CGI based applications. 5
5. Write short notes on the following : $4 \times 2 \frac{1}{2} = 10$
- (a) Hacking
- (b) Discovery and PUSH Agents
- (c) SMTP
- (d) ARP
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