

BACHELOR OF COMPUTER APPLICATIONS

(BCA) (Pre-Revised)

Term-End Examination

December, 2015

00244

CS-75 : INTRANET ADMINISTRATION

Time : 2 hours

Maximum Marks : 60

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

1. (a) What is Address Resolution Protocol (ARP) ? Give its format and explain its various fields. 10
- (b) Design a security policy for some XYZ company which has a LAN connecting 50 computers in a building. What are the various points you will be considering while formulating the security policy ? Also, specify the hardware and software requirements to ensure the security. 10
- (c) Explain the functioning of the following Intranet tools : 10
- (i) Discovery Agents
 - (ii) Push Agents
 - (iii) Search Agents
 - (iv) Subscription Agents

2. (a) Explain the characteristic features of Samba server. Also, explain its use. 5
- (b) Differentiate between Internal and External threats to the Intranet of an organization. 5
3. (a) Describe the Virtual Private Network (VPN). What are its advantages? 5
- (b) What is meant by user authentication? What are the various types of authentication methods supported by Windows? Explain. 5
4. (a) Differentiate between FTP and TELNET. 5
- (b) How can the following server tuning options be configured?
- (i) Number of concurrent requests
 - (ii) Listen Queue size
 - (iii) DNS usage
- Also, describe the significance of each option. 5
5. Write short notes on any *two* of the following : 2×5=10
- (a) SMTP
 - (b) GRPS
 - (c) CGI