CS-75

BACHELOR OF COMPUTER APPLICATIONS
(Pre-Revised)
Term-End Examination
December, 2014

00144

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) What are IP addresses ? Explain the various classes of IP addresses with examples. *5*

    (b) How are PPP and SLIP used in an Intranet ? Also, write any two differences between them. *5*

    (c) Explain how FTP works. Also, explain how the TCP connections are used in FTP. *5*

    (d) What is Authentication ? How does it differ from Authorization ? Explain the security mechanisms which provide authentication and authorization . *5*

    (e) With the help of an example for each, explain the types of database connectivity supported on Intranet. *6*

(f) Write the step-by-step procedure to administer the disk space to the users using disk management tool. *4*

2. (a) Classify different types of Intranet based on applications and architectures. *4*

   (b) What are digital certificates ? Discuss their importance in Intranet. *4*

   (c) Define Gateways. *2*

3. (a) List the software and hardware requirements for the installation of an Intranet for an organisation having the following characteristics : *6*

   ⇒ 350 Client machines (Computers)

   ⇒ 10 Departments

   ⇒ Need to have centralized database

   ⇒ Mailing, browsing, FTP download and chatting facilities

   (b) How does the wireless datagram protocol differ from the user datagram protocol ? Explain. *4*

4. (a) What are the two benefits of using web authoring tools ? Explain the uses of web authoring tools. *5*

   (b) What is the difference between active, static and dynamic documents in WWW ? How does CGI work ? *5*

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5. Write short notes on the following :   *10*

    (a)   Proxy Server

    (b)   NAT

    (c)   VPN

    (d)   Groupware

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