

Student Name:.....

Student ID:.....



College of Applied Studies and Community Service
King Saud University (KSU)

CT 1314 - Homework#8

Answer the following questions:

- 1- You are setting up two scopes of addresses on a DHCP server in your company. The first scope ranges between 192.168.5.5 through 192.168.5.10. The second scope ranges between 192.160.4.1 through 192.160.4.8. If your company wants to reserve the first address in the first scope for the CEO manager and the last two addresses of the second scope for testing the server. What are the ranges of addresses in each scope that can be assigned for DHCP clients?

.....

.....

.....

.....

.....

.....

- 2- You have a primary DNS zone in your company that is serving DNS requests for up to 100 clients. Lately the number of client requests increased to 50% and the server is serving them very slowly and is very loaded with request. Can you suggest a solution to help this server to resolve these requests fast?

.....

.....

- 3- You are working in an air line reservation company as a network administrator, they have a DNS server containing IP addresses and their corresponding domains stored in the DNS table and a DHCP server to give their clients IP addresses when they join the airline network. The problem is whenever a new client joins the network or a client leaves the network you must update the DNS table manually with this changes. Is there any way to help you to update the DNS table automatically?

.....

.....

.....

.....



College of Applied Studies and Community Service
King Saud University (KSU)

4- Name 4 services you can achieve from the following screen?

- 1).....
- 2).....
- 3).....
- 4).....



5- You want to create a large website for your company that includes a separate web administrator for each section in the website (example: Management section administrator is responsible for managing the Management page in the company's website) and you will be the main administrator for the complete website. The announcements page in the website must be accessed by all the web administrators so they can make announcements at anytime without asking you to do it. Is there a way to make the announcement page accessed by all the administrators?

.....

.....

.....

.....

Good Luck ☺