BRAINWARE UNIVERSITY

Course –B.Sc (HN)

Windows Server Management (BHNC203)

(Semester -2)

Time allotted: 3 Hours   **Full Marks : 70**

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group –A

(Multiple Choice Type Question)   10 x 1 = 10

1. Choose the correct alternative for the following (Any *Ten)*

I) A records stands for _____

   a) Address Record   b) Active Record

   c) Advance Record   d) ASCII Record

II) Active Directory is technology created by _____that provides a variety of network service

   a) Microsoft Office   b) Internet Explorer

   c) Oracle   d) Microsoft

III) DNS client is called _____

   a) DNS updater   b) DNS resolver

   c) DNS handler   d) none

IV) Ip assigned for the client by DHCP server is _____

   a) For limited period   b) For unlimited period

   c) Not time dependent   d) None

V) DHCP server provides _____ of the ip address

    a) Dynamic allocation   b) Static allocation

    c) Auto matic allocation   d) All of the above

VI) The ip address 193.168.20.10 is in which class

    a) Class A   b) Class B

    c) Class D   d) Class E

VII) IPv4 consist of _____bits

    a) 32 Bits   b) 128 bits

    c) 64 bits   d) 256 bits

VIII) DFS stands for _____

    a) Database file system   b) Distributed File system

    c) Data link file system   d) Distributed flat system

IX) VMware is a _____software

    a) Virtualization software   b) Application software

    c) Programming software   d) Database software

X) TCP/IP suite was created by _____

    a) IEEE   b) Department of Defense

    c) Open source   d) None

XI) Which protocol ensures reliable delivery

    a) IP   b) UDP

    c) Both a and b   d) None

Group – B

(Short Answer Type Question)   3 x 5 = 15

Answer *any Three* of the following

2. What is DNS?

3. What is the Difference between Workgroup and Domain?

4. Define Windows server.

5. What is Virtual Machine?

6. Define Subnetting.

Group – C

(Long Answer Type Question)   3 x 15 = 45

Answer *any Three* of the Following

7. Write Short Notes:

    a) Zone

    b) SOA record

    c) Forests

    d) Ldap   [4+3+5+3]

8. a) Define DFS for hierarchical file management. Define DFS namespace and DFS links.

    b) What is a profile in windows server? How many types of profiles are there in Windows Server, explain?   [4+5+3+3]

9. a) What is Active Directory? Define Forest and trees?

    b) Define DHCP Server? Write the Dora Process of DHCP Server in details?   [3+4+4+4]

10. a) Define DNS namespace? Define forward and reverse Lookup Zone?

    b) Define resource record in DNS with an example   [3+5+7]

11. a) What is the difference between Workgroup and domain ? Define LDAP?

    b) What is the function of Schema in Active Directory? Define FSMO?   [5+2+3+5]