BRAINWARE UNIVERSITY

Term End Examination 2023
Programme – Dip.CSE-2018/Dip.CSE-2019/Dip.CSE-2020
Course Name – Windows Server Administration I
Course Code - DCSE505B
(Semester V)

Full Marks : 60   **Time : 2:30 Hours**

[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)   1 x 15=15

1.   *Choose the correct alternative from the following :*

(i)   Select the full form of DHCP is

    a) Dynamic host control protocol   b) Dynamic host configuration protocol
    c) Dynamic host client protocol   d) None of the above

(ii) Choose the logical port used in telnet

    a) 26   b) 110
    c) 20   d) 23

(iii) Name of the file system NTFS stands for

    a) New Type file system   b) Never Terminated file system
    c) New technology file system   d) Non terminated file syetm

(iv) Select the commands which helps to open user and group management console

    a) DSA.MSC   b) Firewall.cpl
    c) LUSRMGR.MSC   d)   CIPHER

(v) Select the keyword used to define a domain alias

    a) CNAME   b) MX
    c) PTR   d) NS

(vi) Identify in Which utility is used to manage disks, volumes, partitions logical drives and dynamic volumes ?

    a) Device Manager   b) Disk Management
    c) Local Disks and Volumes   d) Disk Manager

(vii) Select the following processor architectures can be used for a clean Windows Server 2012 R2 installation?

    a) 32-bit processor only   b) 64-bit processor only
    c) 32-bit or 64-bit processor   d) 64-bit or Itanium processor

(viii) Name of the following terms best describes the software interface through which a computer comunicates with a print device?

    a) Printer   b) Print server
    c) Printer driver   d) Print Management console

(ix) Select the following automatic tunneling protocol used by Windows operating systems that are located behind NAT routers?

    a) Teredo   b) 6to4

    c) ISATAP   d) None of this

(x) Select the Default DHCP lease period is

    a) 2 DAYS   b) 4 DAYS

    c) 8 DAYS   d) 16 DAYS

(xi) Select he full form of APIPA is

    a) Autometic public ip address   b) Autometic Private Ip address

    c) Autometic private Internet address   d) Autometic public Interface address

(xii) Choose the command which used to open DNS management console

    a) DNS.EXE   b) DNSMGMT.MSC

    c) DNSCONS.EXE   d) DNSMGMT.EXE

(xiii) Select the command used to open DHCP console

    a) dhcp.exe   b) dhcpd.msc

    c) dhcpmgmt.msc   d) dsa.msc

(xiv) Select the logical port used in DHCP server

    a) 66   b) 67

    c) 38   d) 69

(xv) Identify the following tab is used to enable and disable a printer for sharing as well as to specify the name of the share

    a) General   b) Sharing

    c) Location   d) Advanced

Group-B
(Short Answer Type Questions)

3 x 5=15

2. Discuss about the concept of DHCP user class.

(3)

3. Write the 80/20 rule of DHCP Server

(3)

4. Compare - Peer-to-Peer and Client/Server network

(3)

5. Explain the function of DHCPACK message.

(3)

OR

Explain Stale records in DNS.

(3)

6. Define the drawbacks of APIPA.

(3)

OR

Define PTR record.

(3)

Group-C
(Long Answer Type Questions)

5 x 6=30

7. Write the importance of Active Directory Integrated Zone.

(5)

8. Differentiate - physical structure and logical structure of a domain. (5)
9. Describe about the lease renewal process in DHCP. (5)
10. Illustrate DORA process in DHCP. (5)
11. Compare DNS Primary zone and AD Integrated Zone (5)

OR

Explain System state backup in Active directory. (5)

12. Discuss about the DNS Authoritative and Non Authoritative Server. (5)

OR

Explain the basic functions of Schema Master and PDC emulator role (5)

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