BRAINWARE UNIVERSITY

Term End Examination 2023-2024
Programme – B.Sc.(ANCS)-Hons-2022
Course Name – Windows Server Administration I
Course Code - BNCSC402
(Semester IV)

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) Which Windows Server 2012 role is associated with virtualization?

a) Scope
c) MBR
b) Hyper-V
d) GPT

(ii) Name the version of Windows that Microsoft adopted Kerberos as an authentication policy.

a) Windows NT
c) Windows 2003
b) Windows 2000
d) Windows 2008

(iii) Identify the maximum characters supported by a hostname.

a) 22 characters
c) 127 characters
b) 63 characters
d) 255 characters

(iv) Apply the command to backup DNS zone.

a) dnscmd /zonecopy
c) dnscmd /zoneexport
b) dnscmd /zoneinfo
d) dnscmd /zonefile

(v) Memorize the maximum size of NTDS.DIT.

a) 16 TB
c) 2TB
b) 8 TB
d) 4 TB

(vi) Match the default location where group policy is stored.

a) SYSVOL folder
c) Application Partition
b) SAM database
d) NTDS.DIT

(vii) Select the type of authentication used in Active Directory.

a) RADIUS
c) PAP
b) Kerberos
d) IPSec

(viii) Which of the followings best defines the role of the security principal in file system permission assignments?

a) The only person who can access a file that has no permissions assigned to it
b) The person responsible for creating permission policies

c) The person assigning the permissions

d) The person to whom the permissions are assigned

(ix) Indicate the group that contains the same users as an OU.

a) Shadow
b) Administration
c) Primary
d) Operation

(x) Choose the minimum number of disks required for RAID 1.

a) 1
b) 2
c) 3
d) 4

(xi) Choose the command that helps to open the Active Directory user and group management console.

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

(xii) Apply the tool used to manage domain users and groups on Windows Server.

a) Active Directory Users and Computers
b) Computer Management
c) Event Viewer
d) Task Manager

(xiii) Select which of the followings is considered security principals.

a) User accounts and groups
b) User accounts, groups and Ous
c) Groups and Ous
d) Computer accounts and domains

(xiv) Identify which of the followings is used as containers for scopes.

a) DNS PTR Record
b) Multicast Scope
c) DHCP rules
d) Super Scope

(xv) Which is the webserver, developed by Microsoft?

a) Apache Tomcat
b) Caudium
c) Internet Information Services (IIS)
d) WEBrick

Group-B
(Short Answer Type Questions)

3 x 5=15

2. Predict the minimum hardware requirements for installing Windows Server 2012.   (3)
3. Examine the role of Active Directory Domain.   (3)
4. Why should you apply Disk Duplexing dynamic disk management?   (3)
5. Summarize the features of APIPA.   (3)
6. Explain the use of DHCP reservation.   (3)

OR

Illustrate the basic use of FTP site.   (3)

Group-C
(Long Answer Type Questions)

5 x 6=30

7. List the editions of Windows Server 2012.   (5)
8. Illustrate the difference between DNS iterative and recursive query.   (5)
9. Which process will you apply to backup and restore the DNS Zone database?   (5)
10. Summarize the functions of DHCPACK & DHCPNack packets.   (5)
11. Justify the reason to integrate DHCP and DNS services.   (5)
12. Differentiate between RAID 1 and RAID 5.   (5)

OR

How Striped and Spanned volume differ from each other?   (5)

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