



BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – Dip.CSE-2018/Dip.CSE-2019/Dip.CSE-2020

Course Name – Windows Server Administration II

Course Code - DCSE605B

(Semester VI)

Full Marks : 70

Time : 3:0 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) Choose which netbios name resolution method is used in TCP/IP environments.
 - a) NetBEUI
 - b) TCP
 - c) NetBios over TCP/IP
 - d) LPD
- (ii) Choose the default port number used for Terminal Server remote administration.
 - a) 21
 - b) 23
 - c) 3389
 - d) 8080
- (iii) Choose which protocol is used by the Terminal Server to establish a remote desktop session.
 - a) FTP
 - b) Telnet
 - c) RDP
 - d) SSH
- (iv) Select which of the following command-line utilities is used to configure Windows backup in Windows Server 2012
 - a) WBADMIN
 - b) NTBACKUP
 - c) NBTSTAT
 - d) NETSTAT
- (v) Identify the service that is creating the session between two computers.
 - a) NETLOGON
 - b) RPC
 - c) NSDCS
 - d) ADDS
- (vi) Choose which type of authentication is used in telnet.
 - a) Kerberos
 - b) NTLM
 - c) TELNET
 - d) None of these
- (vii) Identify the purpose of DNS.
 - a) To store website content
 - b) To provide internet connectivity
 - c) To translate domain names into IP addresses
 - d) To encrypt internet traffic
- (viii) Identify the protocol used by DNS.
 - a) HTTP
 - b) TCP

- c) DNS
d) UDP
- (ix) Identify what record type is used to map a domain name to an IP address.
a) MX
b) PTR
c) Host(A)
d) CNAME
- (x) Choose how many types of DNS queries.
a) 1
b) 2
c) 3
d) 4
- (xi) Select the commands that help open the Active Directory user and group management console
a) DSA.MSC
b) Firewall.cpl
c) LUSRMGR.MSC
d) CIPHER
- (xii) Select which protocol is used for remote access to Windows Server.
a) FTP
b) SSH
c) RDP
d) Telnet
- (xiii) Identify the default file system used by Windows Server 2012.
a) FAT32
b) NTFS
c) exFAT
d) ReFS
- (xiv) Identify which of the following is a tool used for creating and managing network shares on a Windows Server.
a) Computer Management
b) Server Manager
c) File and Storage Services
d) Remote Desktop Services Manager
- (xv) Indicate the command that will help to open the local user and group management consoles.
a) DSA.MSC
b) LUSRMGR.MSC
c) APPWIZ.CPL
d) NETUSER

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Compare Terminal Server and Remote Desktop (3)
3. Define the PTR record. (3)
4. Discuss the concept of DHCP user classes. (3)
5. Explain the purpose of root DNS on the internet. (3)
6. Differentiate between a user object and a group object in Active Directory. (3)

OR

Explain the purpose of active directory trust (3)

Group-C

(Long Answer Type Questions)

5 x 8=40

7. Define the primary function of caching only on the DNS server. (5)
8. Define TTL for DNS (5)
9. Differentiate between a DNS server and a DNS resolver. (5)
10. Explain the Active Directory DNS Zone and DNS Stub Zone (5)
11. What is the process for creating a terminal server in an AD infrastructure? (5)
12. Compare the domain tree and domain forest (5)
13. Analyse the schema master roles in an Active Directory environment. (5)
14. What is the process for creating a DHCP server in an AD infrastructure? (5)

OR

Explain authorising DHCP servers in Active Directory. (5)
