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BRAINWARE UNIVERSITY

Term End Examination 2023-2024
Programme – Dip.CSE-2020/Dip.CSE-2021
Course Name – Windows Server Administration I
Course Code - DCSE505B
(Semester V)

Time : 2:30 Hours

Full Marks : 60

[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 of the following editions of Windows Server 2012 supports up to 64 processors?
a) Standard Edition
b) Datacenter Edition
c) Essentials Edition
d) Foundation Edition
- (ii) Identify what record type is used to map a domain name to an IP address.
a) MX
b) PTR
c) Host(A)
d) CNAME
- (iii) Select the the following is a new feature in Windows Server 2012 that provides a way to monitor and manage virtual machines
a) Server Manager
b) Remote Desktop Services
c) Hyper-V Manager
d) Windows PowerShell
- (iv) Identify the name of the DNS client is called.
a) DNS Updater
b) DNS resolver
c) DNS handler
d) None of these
- (v) Select the commands that help open the DNS console
a) DSA.MSC
b) DNSMGMT.MSC
c) LUSRMGR.MSC
d) CIPHER
- (vi) Select The default address which provides by APIPA
a) 169
b) 192
c) 10
d) 127
- (vii) Select What utility is 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

- (viii) Identify which service is responsible for assigning IP addresses on a Windows Server network.
- a) DNS
b) DHCP
c) FTP
d) HTTP
- (ix) Select which of the following is a server role that can be installed on Windows Server for hosting web applications.
- a) Active Directory Domain Services
b) File and Storage Services
c) Network Policy and Access Services
d) Web Server (IIS)
- (x) Identify the logical port used for FTP data transfer.
- a) 23
b) 22
c) 21
d) 20
- (xi) Select which of the following commands you would use to determine the configuration of your IP settings.
- a) Config
b) Ping
c) Ipconfig
d) Ipping
- (xii) Choose the logical port used by the DHCP Client.
- a) 53
b) 54
c) 67
d) 68
- (xiii) Select the default subnet mask for Class B is
- a) 255.0.0.0
b) 255.255.0.0
c) 255.255.255.0
d) 255.255.255.255
- (xiv) Select the command used to add Active Directory users and computers
- a) NTDSUTIL
b) NETDOM
c) DSADD
d) DSA.MSC
- (xv) Select Which of the following DHCP address allocation types is the equivalent of a reservation in Windows Server 2012 R2?
- a) Dynamic allocation
b) Automatic allocation
c) Manual allocation
d) Hybrid allocation

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Explain the basic functions of DHCP. (3)
3. Define the PTR record. (3)
4. Explain what the minimum hardware requirements are for installing Windows 2012 Data Centre Server. (3)
5. Differentiate between TCP and UDP. (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 6=30

7. Explain offline file sharing (5)
8. Explain the RID master roles in Active Directory. (5)
9. Define the primary function of caching only on the DNS server. (5)
10. How would you compare several active directory objects? (5)
11. Analyze LDAP in Active Directory (5)

12. Analyze the domain delegation.

(5)

OR

How would you explain the utility of Stub Zone in Active Directory DNS Zone?

(5)
