BRAINWARE UNIVERSITY

Course M.Sc. (HN)

Mail Server Configuration and Administration (MHN203)

(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 Questions)   10 x 1 = 10

1. *Choose the correct alternative from the following*
(i)   Which feature in exchange server provides high availability and data recovery?

     a. Database Availability Group   b. Data Access Group

     c. Distributed Avail Group   d. Database Authenticate Group

(ii) Which DNS host records are required to receive email from the internet?

     a. MX   b. A Records

     c. Pointer Records   d. SOA

(iii) Which email clients allow us to access Microsoft exchange server mailbox from any web browser?

     a. Outlook Web Access   b. Online Web Access

     c. Offline Web Access   d. All above

(iv) What is the file extension of exchange database used to store in exchange mailbox?

     a. .edb   b. .xls

     c. .ppt   d. .sql

(v)   Which role in exchange server is responsible to handle clients connections to exchange server?

     a. Client Access Server   b. Client Authentication Service

     c. Client Access Service   d. None of these

(vi) Which Protocols are supported by Exchange Server?

     a. POP3   b. SMTP

        c. IMAP   d. All of these

(vii)   In standard edition exchange server, how many database can be mounted?

        a. 10   b. 2

        c. 5   d. 20

(viii)   Which is the internet standard that extends the format of email to support text in character sets other that ASCII ?

        a. Multiple Internet Mail Exchange   b. Multiple Internet Mail Extensions

        c. Mailbox Internet Multiple Extension   d. None of these

(ix)   Which mailbox is used in exchange for multiple users to read and send email messages?

        a. Shared mailbox   b. Linked mailbox

        c. Room mailbox   d. Equipment mailbox

(x)   For installing Exchange which type of disk partitions it requires

        a. FAT   b. NTFS

        c. EXT3   d. VFAT

Group – B

(Short Answer Type Questions)   3 x 5 = 15

Answer any *three* from the following

2.   What is mailbox replication service?   [5]

3.   Define the new features in Exchange.   [5]

4.   Write short note on Linked mailbox.   [5]

5.   Explain why Domain Naming System is important for exchange server installation?   [5]

6.   What is Incremental Backup?   [5]

Group – C

(Long Answer Type Questions)   3 x 15 = 45

Answer any *three* from the following

7. (a) Describe the purpose of Retention Policy Tag.   [8]

     (b) What is the purpose of File Share Witness?   [7]

8. (a) How the flow of the mail is tracked in Exchange Server 2013?   [8]

     (b) What is the purpose of running prepare Schema and prepare AD switches in Exchange Server 2013?   [7]

9. (a) Explain the different types of mailbox that can be in exchange.   [8]

	(b)	Write the importance of PowerShell in exchange.	[7]
10.	(a)	What do you understand by data portability?	[6]
	(b)	Explain the list of files under Exchange 2013 database.	[5]
	(c)	Where Exchange Server stores the Exchange related information in Active Directory?	[4]
11.	(a)	Define MX records in Exchange.	[2]
	(b)	Define Quorum.	[2]
	(c)	What is the function of MAPI in exchange?	[6]
	(d)	Define the function of Exchange server.	[5]