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 Question)

1. Answer any Ten of the following 10 x 1 = 10

 i) DAG stands for _____

  a) Database Availability Group b) Data Access group

  c) Database Authentication Group d) Data Avail Group

 ii) MIME stands for _____

  a) Multipurpose internet Mail Extension b) Mailbox Extension

  c) Multiple Extension d) None of these

 iii) CAS stands for _____

  a) Client Access Server b) Client Authentication Service

  c) Client Access service d) None of these

 iv) Which protocol supports in Exchange _____

  a) POP3 b) SMTP

  c) IMAP d) ALL

v) Exchange server is _____.

   a) ftp server   b) Mail server

   c) Telnet Server   d) None of these

vi) Exchange server was developed by _____

   a) Novell   b) Microsoft

   c) IBM   d) Oracle

vii) A record in DNS stands for _____

   a) Address Record   b) Host Record

   c) PTR record   d) all of these

viii) IP address 193.168.20.10 is in _____

   a) Class A   b) Class B

   c) Class C   d) Class D

ix) Which partition supports in Exchange _____

   a) NTFS   b) FAT

   c) FAT 32   d) None of these

x) In Exchange, mailbox is _____

   a) Database   b) Mail

   c) User Contain mail database   d) None of these

xi) The mapping from mail to DNS…………….

   a) Mx   b) Reverse Lookup

   c) Both a and b   d) None of these

Group – B

(Short Answer Type Question)

Answer any Three of the following   3 x 5 = 15

2.   Define mail server.

3.   Define the purpose of DAG.

4. Define power shell.

5. What is mailbox replication service?

6. What are the DNS records required to send email over the internet.

Group – C

(Long Answer Type Question)

Answer any Three of the following   3 x 15 = 45

7. a) What are the pre-requisites needed to install exchange server 2013?

   b)   Is it compulsory to have valid domain while configuring exchange? Justify.   [2x7.5=15]

8. a) Explain the mail flow in Exchange with a neat diagram?

   b) What is the purpose of Retention Policy tag? How to move database?   [7+5+3]

9.   a) What are the roles in Exchange and its' function? Define rules in Exchange.

    b) List the different types of mailbox that can be created in exchange.   [7+3+5]

10.   a) What is Witness server in Exchange ? What is Retention policy

     b) Where Exchange server stores the exchange related information in AD   [6+2+7]

11.   a) What are the DNS host records required to receive email from the internet

     b) Define mail box and client access server in details? Define MAPI?   [7+6+2]