Q.1 Choose the correct answer and encircle it.  1 X 20=20
1. Which Operating System doesn't support networking between computers?
2. Which of the following does not support more than one program at a time?
   a) DOS  b) Linux  c) Windows  d) Unix
3. Linux is a(n) … operating system
   a) Open source  b) Microsoft  c) Windows  d) Mac
4. Which operating system can you give smallest file name?
   a) Ps/2  b) Dos  c) Windows  d) Windows NT
5. Which of the following is not a multitasking operating system?
   a) Windows  b) Linux  c) Win NT  d) DOS
6. Which command is used to see the version of operating system?
   a) Vol  b) Version  c) Ver  d) None of the above
7. The data unit in the TCP/IP layer called a …..
   a) Message  b) Segment  c) Datagram  d) Frame
8. DNS can obtain the ………….. of host if its domain name is known and vice versa.
   a) Station address  b) IP address  c) Port address  d) Checksum
9. Which of the following OSI layers correspond to TCP/IP’s application layer?
   a) Application  b) Presentation  c) Session  d) All of the above
10. In which OSI layers does the FDDI protocol operate?
    a) Physica  b) Data link  c) Network  d) A and B
11. DHCP provides _____ to the client.
    a) IP address  b) MAC address  c) url  d) None of the mentioned
12. DHCP uses UDP port ___ for sending data to the server.
    a) 66  b) 67  c) 68  d) 69
13. The entire hostname has a maximum of
    a) 255 characters  b)127 characters  c) 63 characters  d) 31 characters
14. A DNS client is called
    a) DNS updater  b) DNS resolver  c) DNS handler  d) none of the mentioned
15. Wildcard domain names start with label
    a) @  b)*  c)&  d)#
16. The domain name system is maintained by
    a) Distributed database system  b) A single server  c) a single computer  d) None of the mentioned
17. HTTP is _____ protocol.
    a) Application layer  b) Transport layer  c) Network layer  d) None of the mentioned
18. FTP server listens for connection on port number
    a) 20  b)21  c)22  d)23
19. Multiple object can be sent over a TCP connection between client and server in
    a)Persistent HTTP  b) Non persistent HTTP  c) both (a) and (b)  d) None of the mentioned
20. The command allows you to create logical drive
    a) Sort  b) Path  c) Subst  d) Batch
MODEL PAPER "INSTALLING & CONFIGURING WINDOWS (CLIENT /SERVER)"
FOR DIPLOMA IN COMPUTER HARDWARE & NETWORK ENGINEERING
(SEMESTER – II) ANNUAL EXAMINATION 2015 & ONWARDS

SUBJECTIVE

PART-B

Time: 2:30 Hours
Marks 80

SECTION-I

Q.1 Attempt any twenty five (25) questions. 2x25=50

1. Differentiate between linux and Windows,
2. Describe Windows Server .
3. Write down the steps of Install Windows Server .
5. Describe the management tools available in Windows Server.
7. Describe the structure of AD DS.
8. Describe the purpose of domain controllers.
9. Write down the steps of Install a domain controller.
10. How Manage user accounts with graphical tools.
11. How Manage group accounts with graphical tools.
13. How Delegate permissions to perform AD DS administration.
14. Describe the TCP/IP protocol suite.
15. Describe IPv4 addressing.
16. Determine a subnet mask necessary for super netting or sub netting.
17. How Configure IPv4 communication?
18. How troubleshoot IPv4 communication?
19. What is subnet mask?
20. Explain the DHCP server role.
22. How Secure and monitor the DHCP server role.
23. Describe name resolution for Windows operating system clients and Windows Server servers.
24. How to Install a DNS Server?
25. How to manage a DNS Server.
27. Describe the features and benefits of IPv6.
30. Describe IPv6 transition technologies.
31. How to Create and manage Group Policy Objects (GPOs).
32. Describe Group Policy processing.
33. What is FTP?
34. Describe Windows Server operating system security.
35. Configure security settings by using Group Policy.
36. How to Increase security for server resources.

SECTION-II

Long Question

Note attempt any three (3) questions. 3x10=30

Q2. Describe different Network topologies.
Q3. What is OSI model?
Q4. Design a DNS name resolution strategy, create the namespace design?
Q5. Define why I choose Linux OS for client server environment?
Q6. Write a note on DHCP, SAMBA and file server configuration.