



BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Bachelor of Science (Honours) in Advanced Networking & Cyber Security

Course Name – Windows Server Administration

Course Code - BNCSC402

(Semester IV)

Time allotted : 1 Hrs.15 Min.

Full Marks : 60

[The figure in the margin indicates full marks.]

Group-A

(Multiple Choice Type Question)

1 x 60=60

Choose the correct alternative from the following :

- (1) What is the default port number of DNS?

a) UDP 67	b) TCP 53
c) UDP 53	d) TCP 57
- (2) Microsoft Windows Server 2012 R2 uses the following boot loader file for booting purpose.

a) BOOTMGR	b) IO.SYS
c) GRUB	d) None of the above
- (3) Which command is used to open the DNS console?

a) NETDOM	b) DNSMGMT.MSC
c) IPCONFIG /REGISTERDNS	d) None of the above
- (4) Which of the following command is manually used by the client for DNS name registration purpose?

a) IPCONFIG/RENEWDNS	b) DNSREGISTER
c) DNSRENEW	d) IPCONFIG/REGISTERDNS
- (5) 'FQDN' stands for

a) Fully Quality Domain Name	b) Fully Qualified Domain Name
c) Fully Qualitative Domain Name	d) None of the above
- (6) Which of the following devices translates hostnames into IP addresses?

a) DNS Server	b) Hub
c) DHCP Server	d) Firewall
- (7) What does a DNS client called?

a) DNS handler	b) DNS resolver
c) DNS updater	d) None of the above
- (8) DNS database contains

- a) Name server records
c) Hostname aliases
- b) Hostname-to-address records
d) All of the above
- (9) The domain name system is maintained by
- a) Distributed DBMS
c) A single computer
- b) A single server
d) None of the above
- (10) In a _____ name space, a name is assigned to an address where name in this space is a sequence of characters without structure.
- a) Flat
c) Organized
- b) Hierarchical
d) None of the above
- (11) Term that define registered hosts according to their generic behavior, is called
- a) Generic Domains
c) Super-Domains
- b) Main Domains
d) Sub-Domains
- (12) New domains can be added to DNS through a
- a) Query
c) Domain
- b) Register
d) Response
- (13) A Windows Server 2008 role which implements hypervisor virtualization on the computer?
- a) Scope
c) MBR
- b) Hyper-V
d) GPT
- (14) In Domain Name System (DNS), a contiguous part of entire tree is called
- a) Host
c) Domain
- b) Server
d) Zone
- (15) A root server's zone is entire
- a) STP Tree
c) Host Tree
- b) DNS Tree
d) Sub Tree
- (16) Mapping a name to an address or an address to a name is called
- a) Name-address Generations
c) Name-address Resolution
- b) Name-address Abbreviations
d) Name-address Information
- (17) To provide security and prevent unauthorized changes in DNS records an authentication mechanism is used, known as
- a) DNS
c) DDN
- b) DDNS
d) SDN
- (18) A root server is a server whose zone consists of the
- a) Subdomains
c) Whole Tree
- b) Zone Files
d) DNS Servers
- (19) Domain names are always read from the
- a) Node up to the root
c) Root to Child
- b) Node down to the leaf
d) All of the above
- (20) Group Policy are divided into two categories - Computer configuration settings and
- a) Policy configuration settings
c) Group configuration settings
- b) Organizational configuration settings
d) User configuration settings
- (21) Which of the following network belongs to APIPA concept?
- a) 169.252.254.0/16
c) 169.16.0.0/16
- b) 169.255.0.0/16
d) 169.254.0.0/16

- (22) Which of the following is not a domain wide role of FSMO model?
- | | |
|--------------------------|------------------|
| a) Infrastructure Master | b) RID Master |
| c) PDC Emulator | d) Schema Master |
- (23) DHCP client searches for DHCP Server for IP address, using port number
- | | |
|-----------|-----------|
| a) UDP 67 | b) UDP 68 |
| c) TCP 67 | d) TCP 68 |
- (24) Which of the following stores NETLOGON service?
- | | |
|-------------|----------------------|
| a) DNS Zone | b) SYSVOL |
| c) NTDS.DIT | d) None of the above |
- (25) The default group policy is stored in
- | | |
|------------------|--------------------------|
| a) SAM database | b) Application Partition |
| c) SYSVOL folder | d) NTDS.DIT |
- (26) Kerberos used in
- | | |
|-------------|------------|
| a) 21 port | b) 99 port |
| c) 110 port | d) 88 port |
- (27) How do you create a group by using Active Directory Users and Computers snap- in?
- | | |
|--|---|
| a) Left click the OU in Find which you want to create a group, select New, and choose Group. | b) Right-click the OU in Find which you want to create a group, select New, and choose Group. |
| c) This can only be done in the registry editor. | d) You can create a group by typing MSCONFIG in the Run box. |
- (28) Find which is not one of the four divisions or container structures in Active Directory?
- | | |
|------------|------------|
| a) Forests | b) Domains |
| c) Webs | d) OUs |
- (29) To find which of the following Active Directory containers can Group Policies be applied?
- | | |
|------------|---------------------|
| a) Sites | b) OUs |
| c) Domains | d) All of the above |
- (30) Which option you can use to promote Active Directory services on server 2012?
- | | |
|-----------------|----------------------|
| a) DCPRMO | b) Group Policy |
| c) Add features | d) Add Role Services |
- (31) Unlike earlier versions of Windows Find which used _____ to communicate, Active Directory is fully integrated with DNS and TCP/IP — indeed DNS is required.
- | | |
|-------------------------|----------------------------|
| a) NetBIOS | b) NetBIOS Frames protocol |
| c) Server Message Block | d) Ethernet |
- (32) Which resource record identifies which name server is the authoritative source of information for data within this domain?
- | | |
|-----------|--------|
| a) NS | b) SOA |
| c) Host A | d) MX |
- (33) The SYSVOL is stored in
- | | |
|----------|----------------------|
| a) FAT16 | b) FAT32 |
| c) NTFS | d) None of the above |
- (34) The zone, where ADDS & DNS are configured in the same system, is called
- | | |
|-------------------------------------|-------------------|
| a) Primary Zone | b) Secondary Zone |
| c) Active Directory Integrated Zone | d) Stub Zone |
- (35) What are the two basic classes of Active Directory objects?

- a) Container
 - b) Leaf
 - c) Domain
 - d) Both (a) & (b)
- (36) Which of the following server is by default 'Global Catalog Server'?
- a) Root Domain Controller
 - b) DNS Server
 - c) Member Server
 - d) Web Server
- (37) RODC stores the read-only copy of
- a) NTDS.DIT
 - b) SYSTEM32
 - c) Kerberos
 - d) None of the above
- (38) Which one of the followings is responsible for verification of authentication and authorization in domain?
- a) Global Catalog Server
 - b) Kerberos
 - c) Infrastructure Master
 - d) PDC Emulator
- (39) Disk Quota is applied to
- a) NAS
 - b) Server storage
 - c) Client Storage
 - d) None of the above
- (40) Which type of RAID technology uses parity for data protection?
- a) RAID 1
 - b) RAID 2
 - c) RAID 3
 - d) RAID 5
- (41) What is the unique characteristic of RAID 6?
- a) Distributed Parity
 - b) Striping
 - c) Two independent distributed parity
 - d) Mirroring
- (42) Which of the following raid levels provides maximum usable disk space?
- a) RAID 1
 - b) RAID 0
 - c) RAID 5
 - d) RAID 6
- (43) In RAID level 4, one block read, accesses _____.
- a) only one disk
 - b) all disks simultaneously
 - c) all disks sequentially
 - d) None of the above
- (44) The overall I/O rate in RAID level 4 is
- a) low
 - b) very low
 - c) high
 - d) None of the above
- (45) Which of the following volume types supported by Windows Server 2012 R2 provide fault tolerance?
- a) Striped
 - b) Spanned
 - c) Mirrored
 - d) None of the above
- (46) All the updates and modifications to the schema in a forest is controlled by
- a) Domain Controller
 - b) Global Catalog Server
 - c) Infrastructure Master
 - d) None of the above
- (47) Default lease period of IP address for DHCP client in Windows Server 2012 Datacenter Edition is
- a) 2 days
 - b) 4 days
 - c) 6 days
 - d) None of the above
- (48) Which of the following subnet mask values would you use when configuring a TCP/IP client with an IPv4 address on the 172.16.32.0/19 network?
- a) 255.224.0.0
 - b) 255.240.0.0
 - c) 255.255.224.0
 - d) 255.255.240.0

- (49) Which of the following message types is not used during a successful DHCP address assignment?
- a) DHCPDISCOVER
b) DHCPREQUEST
c) DHCPACK
d) DHCPINFORM
- (50) Which of the following TCP/IP parameters is typically deployed as a scope option in DHCP?
- a) DNS Server
b) Subnet Mask
c) Lease Duration
d) Default Gateway
- (51) Which of the following is not a type of user account that can be configured in Windows Server 2012 R2?
- a) Local accounts
b) Domain accounts
c) Network accounts
d) Built-in accounts
- (52) What is the purpose of the DHCP server?
- a) to provide storage for email
b) to translate URLs to IP addresses
c) to translate IPv4 addresses to MAC addresses
d) to provide an IP configuration information to hosts
- (53) Which rule does the DHCP server use when there is an IP address conflict?
- a) The address is removed from the pool until the conflict is resolved.
b) The address remains in the pool until the conflict is resolved.
c) Only the IP detected by Gratuitous ARP is removed from the pool.
d) Only the IP detected by Ping is removed from the pool.
- (54) Which of the following indicates that the DHCP server is authorized and active?
- a) DHCP Server Migration
b) DHCP white circle with green up arrow
c) DHCP white circle with red down arrow
d) DHCP red circle with X
- (55) DHCP _____ occur every 60 minutes.
- a) Multicast Scope
b) Super Scope
c) Subnet Mask
d) Automatic Backups
- (56) DHCP servers dynamically update which of the followings on behalf of clients using secure updates?
- a) DNS A Record
b) Automatic Backups
c) DNS PTR Record
d) A & PTR Records
- (57) Which of the followings on server indicates that the server is not authorized in Active Directory?
- a) DHCP white circle with green up arrow
b) DHCP white circle with red down arrow
c) DHCP red circle with X
d) DHCP Server Migration
- (58) What is %systemroot%\System32\DHCP?
- a) DHCP Server Migration
b) DHCP red circle with X
c) DHCP Lease 4 part process
d) DHCP Database location
- (59) Which Displays entries in DNS cache?
- a) ipconfig /displaydns
b) ipconfig /flushdns
c) Normal DHCP Scope
d) ipconfig /registerdns
- (60) Which of the followings is used to determine a computer's FQDN from its IP address?
- a) Forward Lookup Zone
b) Normal DHCP Scope
c) Super Scope
d) Reverse Lookup Zone