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BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Diploma in Computer Science & Engineering

Course Name – Windows Server Administration II

Course Code - DCSE605B

(Semester VI)

Time allotted : 1 Hrs.25 Min.

Full Marks : 70

[The figure in the margin indicates full marks.]

Group-A

(Multiple Choice Type Question)

1 x 70=70

Choose the correct alternative from the following :

- (1) IP assigned for client by DHCP server is
 - a) For a limited period
 - b) Not time dependent
 - c) For a unlimited period
 - d) None of the above
- (2) DNS database contains
 - a) Name server records
 - b) Host name aliases
 - c) Host name to address records
 - d) All of the above
- (3) Which command is used to take active directory backup in windows 2012 Server?
 - a) DCPROMO
 - b) DSMODE
 - c) WBADMIN
 - d) DSMOVE
- (4) What is the function of LDAP?
 - a) Authentication
 - b) Contact active directory database
 - c) Accounting
 - d) None of the above
- (5) Which of the following commands is used to create an active directory user?
 - a) NSLOOKUP
 - b) NETDOM
 - c) DSADD
 - d) DSMOD
- (6) Which of the following name servers is not storing any type of zone database?
 - a) Primary server
 - b) Secondary Server
 - c) Caching-only server
 - d) None of the above
- (7) TGT AND TGS is related to
 - a) Kerberos policy
 - b) Disk defragment
 - c) Dynamic volume
 - d) Security principal
- (8) Which of the following command is used to install active directory?
 - a) DSA.MSC
 - b) DCPROMO
 - c) NET SHARE
 - d) DS QUERY
- (9) What is the location to store Active directory files?
 - a) C:\windows\NTDS.DIT
 - b) C:\NTDS

- c) C:\Windows\system32
- (10) The default group policy is stored in
- SAM database
 - SYSVOL folder
- (11) The Function of WINS is
- Host name resolution
 - FQDN resolution
- (12) Kerberos is used in
- Port 21
 - Port 110
- (13) Which of the following networks belongs to the APIPA concept?
- 169.252.254.0/16
 - 169.255.0.0/16
 - 169.16.0.0/16
 - 169.254.0.0/16
- (14) Which type of authentication is used in Active Directory?
- RADIUS
 - IPSec
 - Kerberos
 - None of the above
- (15) Which of the following servers is by default 'Global Catalog Server'?
- Root Domain Controller
 - DNS Server
 - Member Server
 - Web Server
- (16) Microsoft Windows Server 2012 R2 uses the following boot loader file for booting purpose.
- BOOTMGR
 - IO.SYS
 - GRUB
 - None of the above
- (17) RODC stores the read-only copy of
- NTDS.DIT
 - System32
 - Kerberos
 - None of the above
- (18) Which one of the following is responsible for verification of authentication and authorization in domain?
- Global Catalog Server
 - Kerberos
 - Infrastructure Master
 - PDC Emulator
- (19) Disk Quota is applied to
- NAS
 - Server storage
 - Client storage
 - None of the above
- (20) Which of the following protocols does not support IPv6?
- DNS
 - DHCP
 - MADCAP
 - None of the above
- (21) Which of the following command is manually used by the client for DNS name registration purpose?
- IPCONFIG/RENEWDNS
 - DNSREGISTER
 - DNSRENEW
 - IPCONFIG/REGISTERDNS
- (22) Maximum number of primary partitions, supported by MBR, is
- 4
 - 8
 - 16
 - 32
- (23) Default lease period of IP address for DHCP client in Windows Server 2012 Datacenter Edition is
- 2 days
 - 4 days
 - 6 days
 - None of the above
- (24) The SYSVOL is stored in
- d) None of the above
- b) Application partition
- d) NTDS.DIT
- b) NetBIOS name resolution
- d) None of the above
- b) Port 99
- d) Port 88
- b) 169.255.0.0/16
- d) 169.254.0.0/16
- b) IPsec
- d) None of the above
- b) DNS Server
- d) Web Server
- b) IO.SYS
- d) None of the above
- b) System32
- d) None of the above
- b) Kerberos
- d) PDC Emulator
- b) Server storage
- d) None of the above
- b) DHCP
- d) None of the above
- b) DNSREGISTER
- d) IPCONFIG/REGISTERDNS
- b) 8
- d) 32
- b) 4 days
- d) None of the above

- a) FAT 16
 - b) FAT 32
 - c) NTFS
 - d) None of the above
- (25) Microsoft Windows Server 2003 uses the following boot loader file for booting purpose.
- a) GRUB
 - b) BOOTMGR
 - c) NTDETECT.COM
 - d) None of the above
- (26) DHCP uses
- a) TCP 67, UDP 68
 - b) TCP 68, UDP 68
 - c) TCP 67, UDP 67
 - d) None of the above
- (27) What is a forest?
- a) A collection of computers that share a common set of policies, a name and a database of their members.
 - b) Containers in which domains can be grouped. They create a hierarchy for the domain and create the structure of the Active Directory's company in geographical or organizational terms.
 - c) Physical groupings independent of the domain and OU structure. Sites distinguish between locations connected by low- and high-speed connections and are defined by one or more IP subnets.
 - d) Store the database, maintain the policies and provide the authentication of domain logons.
- (28) One of your print devices is not working properly, so you want to temporarily prevent users from sending jobs to the printer serving that device. Which of the following actions should you take?
- a) Stop sharing the printer.
 - b) Remove the printer from Active Directory
 - c) Change the printer port.
 - d) Rename the share.
- (29) Which of the following paths is a valid upgrade path to Windows Server 2012 R2?
- a) Windows Server 2003 Standard to Windows Server 2012 R2 Standard
 - b) Windows Server 2008 Standard to Windows Server 2012 R2 Standard
 - c) Windows Server 2008 32-bit to Windows Server 2012 R2 64-bit
 - d) Windows 7 Ultimate to Windows Server 2012 R2 Essentials
- (30) Which of the following NIC teaming modes provides fault tolerance and bandwidth aggregation?
- a) Hyper-V live migration
 - b) Switch Independent Mode
 - c) Switch Dependent Mode
 - d) Link Aggregation Control Protocol
- (31) Which of the following statements about Server Manager is not true?
- a) Server Manager can deploy roles to multiple servers at the same time
 - b) Server Manager can deploy roles to VHDs while they are offline
 - c) Server Manager can install roles and features at the same time
 - d) Server Manager can install roles and features to any Windows Server 2012 R2 server on the network
- (32) Which of the following volume types supported by Windows Server 2012 R2 provide fault tolerance?
- a) Striped
 - b) Spanned
 - c) Mirrored
 - d) All of the above
- (33) Which of the following terms describes the process of granting users access to file server shares by reading their permissions?
- a) Authentication
 - b) Authorization
 - c) Enumeration
 - d) Assignment
- (34) Which of the following terms best describes the software interface through which a computer communicates with a print device?
- a) Printer
 - b) Print Server
 - c) Printer driver
 - d) Print Management console
- (35) What is the maximum number of ports supported by a Hyper-V virtual switch?
- a) 8
 - b) 256
 - c) 4096
 - d) Unlimited

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- (36) Which of the following is the primary method for transmitting IPv6 traffic over an IPv4 network?
- a) Subnetting
b) Tunneling
c) Supernetting
d) Contracting
- (37) 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
- (38) Which of the following message types is not used during a successful DHCP address assignment?
- a) DHCPDISCOVER
b) DHCPREQUEST
c) DHCPACK
d) DHCPINFORM
- (39) Which of the following network components are typically capable of functioning as DHCP relay agents?
- a) Windows 8.1 computers
b) Routers
c) Switches
d) All of the above
- (40) Which of the following resource record types contains the information a DNS server needs to perform reverse name lookups?
- a) A
b) CNAME
c) SOA
d) PTR
- (41) Which of the following would be the correct FQDN for a resource record in a reverse lookup zone if the computer's IP address is 10.75.143.88?
- a) 88.143.75.10.in-addr.arpa
b) 10.75.143.88.in-addr.arpa
c) in-addr.arpa.88.143.75.10
d) None of the above
- (42) Which of the following contains the controls used to modify DNS name caching?
- a) The Forwarders tab of a server's Properties sheet
b) The Start of Authority (SOA) tab of a zone's Properties sheet
c) The Root Hints tab of a server's Properties sheet
d) The New Zone Wizard
- (43) What are the two basic classes of Active Directory objects?
- a) Resource
b) Leaf
c) Domain
d) None of the above
- (44) Which of the following can be used to add, delete, or modify objects in Active Directory, in addition to modifying the schema if necessary?
- a) DCPROMO
b) LDIFDE
c) CSVDE
d) NSLOOKUP
- (45) Which of the following groups are used to consolidate groups and accounts that span either multiple domains or the entire forest?
- a) Global
b) Domain local
c) Built-in
d) Universal
- (46) Which of the following local GPOs takes precedence on a system with multiple local GPOs?
- a) Local Group Policy
b) Administrators Group Policy
c) Non-Administrators Group Policy
d) User-specific Group Policy
- (47) The process of assigning permissions to set Group Policy for objects within an OU is known as:
- a) Promotion
b) Inheritance
c) Delegation
d) Filtering
- (48) You need to ensure that you can recover your Windows Server 2012 R2 configuration and data if the computer's hard disk fails. What should you do?
- a) Create a complete PC Backup
b) Create a backup of all file categories
c) Perform an automated system recovery (ASR) backup
d) Create a system restore point

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- (49) Which of the following mechanisms is used most often in firewall rules to allow traffic onto the network?
- a) Hardware addresses
 - b) IP addresses
 - c) Protocol numbers
 - d) Port numbers
- (50) Which of the following tools cannot enable and disable the Network Discovery firewall rules?
- a) File Explorer
 - b) Network and Sharing Center
 - c) Action Center
 - d) Allowed Apps dialog box
- (51) You want to publish a printer to Active Directory. Where would you click in order to accomplish this task?
- a) The Sharing tab
 - b) The Advanced tab
 - c) The Device Settings tab
 - d) The Printing Preferences button
- (52) Which type of RAID technology uses parity for data protection?
- a) RAID 1
 - b) RAID 2
 - c) RAID 3
 - d) RAID 5
- (53) Which of the following server is require to resolve server name into IP and vice-versa?
- a) WDS
 - b) DNS
 - c) FTP
 - d) IP SERVER
- (54) Which of the following query process is used in Internet?
- a) Inverse query
 - b) Iterative query
 - c) Recursive query
 - d) Both (a) & (c)
- (55) What is the role of DNS 'Conditional Forwarders'?
- a) It only forwards queries for specific domain names
 - b) It can't forward queries
 - c) It forwards queries for all domain names
 - d) None of the above
- (56) The 'Stub Zone' stores the following three records
- a) SOA and NS
 - b) NS and A
 - c) SOA, NS and Glue Host
 - d) None of the above
- (57) PPPoE is commonly used for which of the following connection?
- a) VPN
 - b) SONET
 - c) ADSL
 - d) DSL
- (58) PPTP creates connection between the VPN client and VPN server using which of the following protocol?
- a) UDP
 - b) IP
 - c) TCP
 - d) ARP
- (59) Which of the following mechanism is used to transport PPP traffic through an SSL/TLS channel?
- a) PPTP
 - b) L2TP
 - c) SSTP
 - d) IPSec
- (60) PPP uses
- a) Serial link
 - b) Multilink
 - c) Both (a) & (b)
 - d) None of the above
- (61) Which of the following is shared in RODC?
- a) Read only NTDS.DIT
 - b) Read only SYSVOL
 - c) Both (a) & (b)
 - d) None of the above
- (62) The range of Static port numbers is
- a) 0 to 1024
 - b) 0 to 1023
 - c) 0 to 1022
 - d) None of the above

- (63) Private IP address of Class A network ranges from
- a) 10.0.0.1/8 - 10.255.255.254/8
 - b) 10.31.0.1/8 - 10.254.254.254/8
 - c) 10.32.0.1/8 - 10.255.255.254/8
 - d) None of the above
- (64) Maximum number of GPOs, you can create, is
- a) 9
 - b) 99
 - c) 999
 - d) 9999
- (65) What is a set of Active Directory, domains that share a contiguous namespace, called
- a) Forest
 - b) Domain hierarchy
 - c) Tree
 - d) DNS zone
- (66) Which of the following items does not depend on the DNS namespace?
- a) OUs
 - b) Domains
 - c) Domain trees
 - d) Forests
- (67) What is the default home directory for the first website created by IIS?
- a) systemroot:\wwwroot
 - b) systemroot:\inetpub\www
 - c) systemroot:\iis\wwwroot
 - d) systemroot:\inetpub\wwwroot
- (68) Which of the following types of servers contain a copy of Active Directory?
- a) Member server
 - b) Stand Alone Server
 - c) Domain Controller
 - d) Certificate Server
- (69) RODC comes with a number of features that focus on heightened security with limited functionality to remote office users. Which of the following are features of RODC?
- a) Filtered Attribute Sets
 - b) Read-only DNS
 - c) Unidirectional Replication
 - d) All of the above
- (70) The entire hostname has a maximum of
- a) 255 characters
 - b) 127 characters
 - c) 63 characters
 - d) 31 characters