



BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Master of Science in Advanced Networking & Cyber Security

Course Name – Linux System Engineering – II

Course Code - MNCS203

(Semester II)

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) Which is the lowest level in the SSH protocol stack?

a) SSH Transport Layer Protocol	b) TCP
c) IP	d) SSH User Authentication Protocol
- (2) SSH can be used in only _____

a) unix-like operating systems	b) windows
c) both unix-like and windows systems	d) none of these
- (3) Which standard TCP port is assigned for contacting SSH servers?

a) port 21	b) port 22
c) port 23	d) port 24
- (4) Which one of the following protocol can be used for login to a shell on a remote host except SSH?

a) telnet	b) rlogin
c) both telnet and rlogin	d) none of these
- (5) Which one of the following is a file transfer protocol using SSH?

a) SCP	b) SFTP
c) Rsync	d) all of these
- (6) How to check the installed software(rpm's) on Redhat Linux ?

a) rpm -qa grep package_name	b) rpm -la grep package_name*
c) rpm -aa grep package_name*	d) rpm -ivh package_name*
- (7) Which command is used to set SELINUX variable

a) chkconfig	b) getsebool
c) setsebool	d) service

- a) 22
c) 21
- b) 23
d) 25
- (22) An email client needs to know the _____ of its initial SMTP server.
a) IP address
b) MAC address
c) URL
d) Name
- (23) SMTP defines _____
a) Message transport
b) Message encryption
c) Message content
d) Message password
- (24) When the mail server sends mail to other mail servers it becomes _____
a) SMTP server
b) SMTP client
c) Peer
d) Master
- (25) Which of the following is an example of user agents for e-mail?
a) Microsoft Outlook
b) Facebook
c) Google
d) Tumblr
- (26) Which is the core of the operating system?
a) Shell
b) Kernel
c) Commands
d) Script
- (27) Which option of ls command used to view file inode number
a) -l
b) -o
c) -a
d) -i
- (28) Find / -name '*' will
a) List all files and directories recursively starting from /
b) List all files in / directory
c) List a file named * in /
d) List all files and directories in / directory
- (29) How to install package via Yum
a) Yum install
b) Yum list
c) Yum conf
d) Yum installation
- (30) Which one of the following is a mount point for a temporarily mounted filesystem?
a) /mnt directory
b) /dev directory
c) /media directory
d) none of these
- (31) Which of the following files need to be referred for user's secondary group?
a) /etc/passwd
b) /etc/group
c) /etc/shadow
d) /etc/profile
- (32) Following are some of the file sharing protocols
a) Telnet
b) FTP
c) NFS & CIFS
d) HTTP
- (33) NFS & CIFS are
a) Filesystems
b) Transport protocols
c) Operating systems
d) File access protocols
- (34) NFS stands for
a) Null File System
b) Network File System
c) New File System
d) Netware File Server
- (35) Which file would you edit to mount an NFS filesystem at system boot time?

- a) /etc/fstab
c) /etc/dfs/dfstab
- b) /etc/vfstab
d) /etc/nfstab
- (36) Which command would mount the directory utilities from the server named linux on the local mount point /opt/sf
- a) mount -f nfs /sf:linux /opt/sf
c) mount -F nfs linux:/sf /opt/sf
- b) mount -F nfs linux:/opt/sf /sf
d) mount /opt/sf linux:/sf
- (37) CIFS doesn't support the following
- a) Oplocks
c) Batch command
- b) Unicode support
d) Stateless
- (38) CIFS was originally derived from
- a) PCB
c) NTFS
- b) SMB
d) NIS
- (39) SMB was originally developed by
- a) IBM
c) Microsoft
- b) 3COM
d) Intel
- (40) A file can be recognized as an ordinary file or directory by ____ symbol.
- a) \$
c) -
- b) *
d) /
- (41) Permissions of a file are represented by which of the following characters?
- a) r,w,x
c) e,w,x
- b) x,w,e
d) e,x,w
- (42) What is the default port of HTTP and HTTPS
- a) 80 and 443
c) 443 and 80
- b) 80 and 21
d) 21 and 23
- (43) How to verify httpd.conf file to ensure no configuration syntax error
- a) httpd -p
c) httpd -s
- b) httpd -t
d) httpd -n
- (44) Which command(s) is/are used to get help about a command in Linux?
- a) info
c) Both info and man
- b) man
d) none of these
- (45) Which command is used see the list of users who are currently logged-in?
- a) login
c) users
- b) who
d) which
- (46) mv command can be used to ?
- a) Move the file to different directory.
c) Both Move the file to different directory and Renaming a file
- b) Renaming a file
d) Only move the file to different directory.
- (47) Proc filesystem provides the information about
- a) processes
c) processor
- b) proxy server
d) none of these
- (48) What is the default extension for Apache Configuration File?
- a) .con
c) .conf
- b) .txt
d) .configuration

