



BRAINWARE UNIVERSITY

Term End Examination 2022 Programme – B.Sc.(ANCS)-Hons-2020 Course Name – Linux Engineering Course Code - BNCSC501 (Semester V)

Full Marks: 60
Time: 2:30 Hours
[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 x 15=15 1. Choose the correct alternative from the following: (i) Select which of the following is not a valid runlevel? a) 1 b) 8 c) 4 d) 3 (ii) Examine which is not SELinux modes a) enforcing b) permissive c) disabled d) enabled (iii) Recognize which type of record is not stored in forward lookup zone? a) A b) PTR c) CNAME d) MX (iv) Indicate Which command is used to edit user quotas? a) quota b) quotaon c) edquota d) vi (v) Select which among the following interacts directly with system hardware? a) Shell b) kernel c) command d) Application (vi) Select Application layer is implemented in ___ a) End system b) NIC c) Ethernet d) Packet transport (vii) Choose where the encypted password of an user will store? a) /etc/shadow b) /etc/passwd c) /etc/enpasswwd d) /etc/passwde (viii) Chose which one of the following command is used for searching for a pattern in one or more file(s)? a) cd b) cp d) find (ix) Choose the company name, who developed SMB a) IBM b) INTEL c) MICROSOFT d) 2COM

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(x)	Select How can we restart iptables tools in Li	nux	
(xi	a) service iptables onc) service iptables restartSelect the Single user mode shell runs as	b) service iptables startd) None of these	
(xii	a) Admin userc) Normal user) Select CIFS runs over the which protocols?	b) Root user d) Log user	
	a) TCP/IP	b) SNMP	
(xii	c) FTP) Choose NFS & CIFS are	d) DNS	
(*****	a) File systems	b) Transport protocols	
(xiv	c) Operating systems) solve what is the keyword used to define a l	d) File access protocols Mail Server?	
	a) CNAME	b) NS	
(xv	c) MXRecognize which type of broadcast DHCP clie	d) PTR nt and servers on the same subnet	
(//	communicate	The dried Services on the Same Subject	
	a) UDP broadcast	b) TCP broadcast	
	c) UDP unicast	d) TCP unicast	
	Gr	oup-B	
	(Short Answer	Type Questions)	3 x 5=15
	(Answer any Five	from the following)	
2. Write how to install the RPM package with example.			(3)
3. Write the different types of RPM & how to check RPM in your system.			(3)
4. Illustrate the significance of 'edquota' command with a suitable example.			(3)
5. Classify the terms 'SOA', 'PTR', 'MX', 'CNAME' and 'A'			(3)
6. J	ustify the function of /etc/resolv.conf file.		(3)
Е	xpress the significance of DHCP reservation?	OR	(3)
_			(0)
		oup-C	
		Type Questions) from the following)	5 x 6=30
	(Allswer uny Six	from the jollowing)	
7.	Analyze the concept NFS & Explain it with suit:	able example.	(5)
8.	Discuss about the differences between IPv4 &	IPv6 addressing.	(5)
9.	Describe What is the way to install, update and Delete & remove package	d query packages using RPM & differentiate	e (5)
10.	What are the default ports used for SMTP, DN	S, FTP, DHCP, SSH, and squid?	(5)
11.	Explain each and every field within /etc/fstab	file with suitable example.	(5)
12.	Summarize the concept of Selinux & different	security threats in Linux OR	(5)
	Evaluate what is Boolean & different modes in	···	(5)
