



KNS INSTITUTE OF TECHNOLOGY

DEPARTMENT OF CSE/ISE

Question Bank for 1st IA Test

Academic Year : (2020 – 2021)

Semester	5th	Subject Code	18CS56	Subject Name	UNIX Programming
Faculty	Mr. Kantarju Mr. Subrahmanya H M Mrs. Srujana				
Date	16/11/2021				

COURSE OUTCOMES:

CO 1: Interpret the UNIX commands and features of UNIX operating system.

CO 2: Demonstrate different types of UNIX file permissions.

The following are the knowledge levels according to Bloom's taxonomy.

L1 Remember L2 Understand L3 Apply L4 Analyze L5 Evaluate L6 Create

Q	SYLLABUS : 2MODULES	CO	Knowledge level	M
	QUESTIONS			
1	Explain the following in UNIX i) su ii) Passwd iii) HOME iv) PATH	CO1	L1,L2,L3	
2	Discuss word count (WC) command with all 3 options.	CO1	L1,L2,L3	
3	Explain the architecture of UNIX Operating System in detail.	CO1	L1,L2,L3 ,L4	
4	Differentiate the between the following. i) Internal and External Commands ii) Text File and Binary File	CO1	L1,L3,L4	
5	Explain the following UNIX Commands with examples. i) cat ii) wc iii) mv iv) cp	CO2	L2,L3,L4	
6	Explain the relationship between kernel and shell with a neat diagram.	CO2	L2,L3,L4	

7	What is File? Explain the different types of files in UNIX.	CO2	L1,L2,L3	
8	List and explain the features of UNIX.	CO2	L1,L2,L3	
9	Explain the following UNIX Commands with examples. i)mkdir ii) rmdir iii) pwd iv) cd	CO2	L2,L3,L4	
10	Illustrate the Directory related commands with examples.	CO2	L1,L2,L3	
11	Explain the following Commands with examples. i) echo ii) cal iii)date iv)type			
12	The permissions for the file KNS is r w-r--r- - Write the Chmod expressions to get the following permissions using both relative and Absolute manner. i) rwx rwxrwx iii)rwxrw-rw- ii) r-- r-- r-- iv) --- --- ---			
13	Explain the output for the following command. ls -l			
14	Explain the following UNIX Commands with examples. i)rm ii)cp iii) ls -xF iv)mv			
15	Explain the following. i) Building block Approach ii) Pattern Matching iii) Unix Tool Kit			
16	What is Chmod? Explain in detail two ways of changing file Permissions with examples.			
17	Discuss word Count (wc) command with all 3 options.			
18	Explain any four file related commands with examples.			
19	Discuss the ls Command with any 4 Major options with examples.			
20	Write a short notes on a) Command structure b) Command Options			
21	Explain with neat Diagram of the UNIX file system tree.			
22	Explain the following. i) /bin ii) /dev iii) /etc iv) /home			
23	Discuss in detail Absolute and Relative Path name with example.			
24	Explain the working of man command in detail.			

11		CO2	L1,L2,L3	
12		CO2	L2,L3,L4	
13		CO2	L1,L2,L3	
14		CO2		
15		CO2	L1,L2,L3	
16		CO2	L2,L3,L4	
17		CO2	L1,L2,L3	
18		CO2	L2,L3,L4	
19		CO2	L1,L2,L3	
20		CO2	L2,L3,L4	
21		CO2	L1,L2,L3	
22				

Signature of HOD