KNS INSTITUTE OF TECHNOLOGY

DEPARTMENT OF CSE/ISE

Question Bank for 2ⁿᵈ 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	16/12/2021				

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	M
	QUESTIONS	
1	Explain in detail the grep command with all options.	8
2	Write short notes on i) standard input ii) standard output iii) standard error	8
3	Study all the wild card patterns ,grep command patterns,basic regular expressions.Any questions can be asked	8
4	Write short notes on set and shift commands with detailed example.	8
5	Illustrate with syntax and examples while loop and if conditional statement..	8
6	Write a program to illustrate test command.	8
7	Explain case conditional statement and for loop with syntax and examples	8
8	Illustrate test command with three types of comparisons.	8

9	Explain the following with examples.	8
	i) Positional parameters ii) Logical Operators Explain logical operators || and && operators.	

10	Explain the following APIs with examples.
	   i) read()
	   ii) write()
		9

11	Write a Shell script to
	    i) Print the attributes of the files.
	    ii) Print the files in multiple columns
	    iii) Print the name of the working shell
	    iv) Print the home directory
	.
		8

12	Sample examples. What is the output of the following commands i) ls [A-Z]????* ii) ls *.[!sh] iii) ls *[!0-9] iv) cp ???? progs	9

Signature of HOD