NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS
I Semester MCA 'B' Section – 20MCA13- OS WITH UNIX PROGRAMMING
Session: January 2021 – April 2021
Assignment Questions

Assignment 1:   **Submission Date:8.2.21**

Q.No.	Questions	Marks	Level	COs
	Group 1			
1	Illustrate the architecture of UNIX Operating System with a neat diagram	10	L3	CO2.CO3
2	Can you apply the file & directory related command for the given instruction? i)Create two directories namely: Assignment1 & Assignment 2 ii) Create files namely Subject1, Subject2, Subject3 under Assignment1 iii) Copy Assignment 1 to Assignment2 iv) Remove subject !&2 from Assignment 2 v) Remove the directory Assignment2	5	L3	CO4
3	Illustrate how shell scripts are executed with example	10	L3	CO4
4	Discuss the following commands: i) mkdir ii) rmdir iii) cd	5	L2	CO4
	Group 2			
1	Categorize the features of UNIX Operating System	10	L3	CO2.CO3
2	Can you apply the file & directory related command for the given instruction? i)Create two directories namely: Test1 & Test2 ii) Create files namely Paper1, Paper2, Paper3 under Assignment1 iii) Copy Test1 to Test 2 iv) Remove Paper 2&3 from Test2 v) Remove the directory Test2	5	L3	CO4
3	Illustrate the significance of positional parameters and exit status	10	L3	CO4
4	Discuss the following commands: i) pwd ii) cat iii) cal	5	L2	CO4
	Group 3			
1	Illustrate on file system in UNIX with the hierarchical structure of file system	10	L3	CO2.CO3
2	Can you apply the file & directory related command for the given instruction? i)Create two directories namely: CIE1 & CIE 2 ii) Create files namely Course1, Course 2, Course 3 under	5	L3	CO4

	CIE 1 iii) Copy CIE1 to CIE2 iv) Remove Course3&1 from CIE1 v) Remove the directory CIE1			
3	Illustrate the importance of expr command with example	10	L3	CO4
4	Discuss the following commands: i) lock ii) users iii) who	5	L2	CO4

Faculty In-charge: **HoD-MCA**

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Assignment 2:   **Submission Date:1.3.21**

Q.No.	Questions	Marks	Level	COs
	Group 1			
1	Investigate on conditional parameter substitution with example	5	L4	CO5
2	Illustrate the use of chmod with example	10	L3	CO5
3	Discuss in brief about umask	5	L2	CO5
4	Identify the options used in sort command	10	L4	CO5
	Group 2			
1	Examine on the shell functions with example	5	L4	CO5
2	Characterize soft and hard link with example	10	L3	CO5
3	Explain background process with suitable command	5	L2	CO5
4	Identify the options used in grep command	10	L4	CO5
	Group 3			
1	Identify the significance of here document	5	L4	CO5
2	Illustrate how process are created?	10	L3	CO5
3	Discuss about find command	5	L2	CO5
4	Investigate on the following commands: i)wc ii)pr iii)cut iv)head v) uniq	10	L4	CO5

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