

(A-2) Seat NO: \_\_\_\_\_

No. of Printed Pages : 2

SARDAR PATEL UNIVERSITY

T.Y.B.C.A. EXAMINATION (SEMESTER - V) (NC)

US05EBCA01: BASICS OF UNIX OPERATING SYSTEM

43/05/2016

Friday, 13<sup>th</sup> May, 2016

Time: 10:30 a.m. To 12:30 p.m.

Total Marks: 70

Q:1 Give answers of following multiple choice questions.

[10]

- [1] How do you delete a file?  
 A. less filename  
 B. cut filename  
 C. rm filename  
 D. Touch filename
- [2] PWD stands for \_\_\_\_\_  
 A. present working directory  
 B. past working directory  
 C. present working diary  
 D. past working diary
- [3] \_\_\_\_\_ works as a command interpreter.  
 A. Hardware  
 B. Shell  
 C. Kernel  
 D. CPU
- [4] The cat command is used to  
 A. capture a file  
 B. print a file  
 C. copy a file  
 D. display a file
- [5] How can you append the output of a command to a file?  
 A. command < file  
 B. command << file  
 C. command > file  
 D. command >> file
- [6] case statement ends with \_\_\_\_\_.  
 A. end  
 B. esac  
 C. end case  
 D. None of these
- [7] For taking input from the user in shell script \_\_\_\_\_ command is used.  
 A. echo  
 B. read  
 C. Both A and B  
 D. None of these
- [8] Which of the following results in error?  
 A. expr 4 + 5  
 B. expr 4 - 5  
 C. expr 4 \* 5  
 D. expr 4 / 5
- [9] In delimited file format, designated keyboard characters known as \_\_\_\_\_ are used to maintain the data's tabular organization.  
 A. separator  
 B. delimiters  
 C. partition  
 D. divider
- [10] Which of the following is not a filter program?  
 A. grep  
 B. sort  
 C. cat  
 D. date

Q: 2 Answer the following short questions. (any TEN)

[20]

- [1] Explain mv command with syntax and example.
- [2] Define term Kernel in context of UNIX.
- [3] List all saving and quitting commands of vi editor.

- [4] Explain echo command in brief.  
 [5] Explain cat command in brief.  
 [6] Define: internal and external command.  
 [7] Explain read command.  
 [8] Differentiate: if and case.  
 [9] Explain Test command for file type.  
 [10] State any 4 attributes displayed by -l option of ls command.  
 [11] How to process the output of who command?  
 [12] Explain use of ^ and \$ in grep command.
- Q:3 [A] List and explain Strength and Weaknesses of UNIX like Operating System. [10]  
 OR
- Q:3 [A] Explain file and directory commands with syntax and examples. [10]
- Q:4 [A] Write a note on cut command. [4]  
 [B] Write note on Input / Output redirection. [6]  
 OR
- Q:4 [A] What is path? Explain Absolute and Relative path with example. [5]  
 [B] Write note on: Quoting and Escaping. [5]
- Q:5 [A] Explain if and case statement in LINUX. [6]  
 [B] Explain turning debugging on and off procedure in detail. [4]  
 OR
- Q:5 [A] Explain Test command for integer and string comparison. [6]  
 [B] Explain for loop in Linux with example. [4]
- Q: 6 [A] Write note on sed filter. [7]  
 [B] Explain expr command. [3]  
 OR
- Q: 6 [A] Explain grep command with example. [7]  
 [B] Define: filter. Give 2 examples of filter. [3]

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