**UNIX Essentials and Shell Scripting pretest question paper**

**Max Marks : 20**

**Duration : 30 Minutes**

**I. Fill in the Blanks ,multiple choice questions: 10 Marks**

1) What is a shell?   
1 It is a hardware component   
2 It is a command interpreter   
3 It is a part in compiler   
4 It is a tool in CPU scheduling   
  
  
2) The operating system manages \_\_\_\_\_\_\_\_.   
1 Memory   
2 Processor   
3 Disk and I/O devices   
4 All of the above   
  
  
  
3) \_\_\_\_\_\_\_\_\_\_\_ begins at the root and follows a path down to the specified file   
1 Relative path name   
2 Absolute path name   
3 Standalone name   
4 All of the above   
  
  
4) \_\_\_\_\_\_\_command is used to create an empty file if it does not exist

1.touch

2. cat

3. type

4. None of the above  
  
  
5) Virtual memory is \_\_\_\_\_\_\_\_\_\_.   
1 An extremely large main memory   
2 An extremely large secondary memory   
3 An illusion of extremely large main memory   
4 A type of memory used in super computers.   
  
  
  
6) A program at the time of executing is called \_\_\_\_\_\_\_\_.   
1 Dynamic program   
2 Static program   
3 Binded Program   
4 A Process   
  
  
  
  
  
7) A \_\_\_\_\_\_\_\_\_\_\_ contains information about the file, including ownership, permissions, and location of the file contents.   
1 File Metadata  
2 File   
3 Device drivers   
4 File system   
  
  
8) Which directory implementation is used in most Operating System?   
1 Single level directory structure   
2 Two level directory structure   
3 Inverted Tree directory structure   
4 Acyclic directory structure   
  
  
9) Human reference for file is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

and OS reference for the file is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

a) Filename ,inode no

b) data, filename

c) filename, data  
d)None of the above  
  
10) \_\_\_\_\_\_ command is used to copy a dir and its contents

recursively.

**II. State true or false : 10 Marks**

* Shell is the core of the O.S.
* Kernel does the command interpretation.
* awk is a math oriented programming language.
* Sed is used to search and replace strings in a file.
* Unix is a single user O.S.
* grep is used to search for strings in a file.
* Shell scripts are used to automate the tasks.
* Double quotes are used to substitute the output of a command inside a

Command.

9. cat command displays the data in the file.

10. stat command displays the metadata of the file.