INSTRUCTIONS FOR ROUND - 1

1. ALL QUESTIONS ARE COMPULSARY.

2. EACH PHASE CONSITS OF 30 QUESTIONS. EACH TEAM CAN ATTEMPT ANY ONE PHASE OF THE ROUND - 1.

3. THE ANSWERS ARE TO SUBMITTED IN THE FOLLOWING FORMAT:

SUPPOSE THE CORRECT ANSWE OF Q1 IS (a), THEN IT IS TO BE WRITTEN AS , 1 - (a).

4. THE ANSWERS ARE TO BE SUBMITTED IN PDF FORMAT. THE NAME OF THE PDF FILE SHOULD BE THE NAME OF EITHER OF THE MEMBER.

5.THE PDF FILE IS TO BE SUBMITTED ON THE FOLLWOING e-mail id :

dinesh.kukreja24@gmail.com

6. THE DECISION OF THE EVENT HEADS WOULD BE FINAL DECISION FOR SELECTION OF FIRST ROUND.

7. THE TIME LIMIT FOR ANY PHASE OF ROUND 1 IS 2 HOURS. THE SUBMISSION BEYOND THAT TIME WOULD NOT BE TAKEN UNDER CONSIDERATION.

8. ANSWERS ARE TO BE SUBMITTED ONLY ONCE.

9. ANY KIND OF MALPRACTICE WOULD LEAD TO DISQUALIFICATION OF THE TEAM.

10. IN CASE OF ANY KIND OF QUERY, REACH US AT:

    DINESH : 96652385

    PRATHAMESH : 9833469921

TECHNOVANZA'11

SHELL MASTER

QUESTIONS - ROUND 1-A

1. Which command is used to check time in UNIX?
a. time
b. datetime
c. date
d. systime

2. Which command is used to know currently login users?
a. ls
b. who
c. list
d. all

3. What is the output of command "who am i"?
a. Currently login username
b. Currently login username and user id
c. Currently login username, user id and terminal name
d. Currently login username, terminal name and login time

4. What is kernel in UNIX?
a. hardware
b. firmware
c. application software
d. operating system

5. Which of the following statement describes shell in UNIX?
a. Shell is operating system
b. Shell is an interface to the UNIX system
c. Shell is a kernel
d. Shell is an application program

6. What is the effect of putting a semicolon at the end of a single simple command?
a. There is no effect
b. Syntax error
c. Command not found error
d. Nothing happens, command not executed.

7. Which of the following command used to display hidden files?
a. ls
b. ls –l
c. ls –a
d. ls –h

8. Which options should be specified to wc in order to count the number of lines and characters in a
file?
a. –w
b. +w
c. –cl
d. +lc

9. Which of the following are absolute pathnames?
a. /
b. home/srimca
c. bin/ls
d. ../bin

10. What command should be used to copy directory?
a. copy
b. copydirectory
c. cpdir
d. cp

11. What is the significant of 1st character in the output of "ls –l" command?
a. file permission
b. file attribute
c. file type
d. file mode

12. What is the significant of 2nd column in the output of "ls –l" command?
a. name of file
b. size of file
c. file permission
d. number of link

13. Which of the following command is used to move in parent directory from the current directory?
a. cd <parent directory name>
b. cd
c. cd..
d. cd ..

14. To display the contents of a executable file the following command can be used
a. cat
b. od
c. vi
d. ed

15. The command echo *
a. will print * on the screen
b. will print contents of all the files in the current directory
c. will list the files in the current directory
d. will print the contents of all shell variables

16. ln command is used to
a. link object code to executable code
b. give two name to the same file
c. set line number to the file
d. none of above

17. Which one of the following is true as long as UNIX is concerned
a. One can do programming in C only
b. It can support terminals capable of printing only uppercase characters
c. The text files are sorted as it is in MS-DOS
d. None of the above

18. Inside vi editor to replace the string /10/$/94 with c10/$$/92
globally the following command can
be used
a. 1,$ s/\/10\/\$\/94/10\/\$\$\/92/g
b. 1,$ s/\/10\/\$\/94/10\/\$\/$92/
c. s/10/$/94/10/$$/92/g
d. 1,$ s/\/10\/$\/94/10\/$$\/92/g

19. Which of the following is not true for UNIX operating system?
a. None leaf node in file system are always directory.
b. Leaf node in the file system is either directory or file.
c. File system is organized as a tree.
d. One of the leaf node in the file system is /.

20. The purpose of /bin directory in UNIX is
a. Contains the compiled, executable or binary version of utilities
b. Contains actual code of UNIX kernel
c. Contains c subroutine library
d. Contains commands related to system administrator

21. Which of the following represent bourne shell?
a. /bin/ksh
b. /bin/zsh
c. /bin/csh
d. /bin/sh

22. Which of the following is the relative path
a. ../../abc
b. /bin
c. /home/jack
d. ~

23. What are the two files used by the shell to initialize itself?
a. /etc/passwd and .passwd
b. /etc/shadow and .shadow
c. /etc/passwd and .profile
d. /etc/profile and .profile

24. Which permission required in order to do change content of file?
a. write permission on directory in which file exist
b. read permission on directory in which file exist
c. write permission on file
d. read and write permission on file

25. Which command is used to change permission of file?
a. perm
b. chmode
c. umask
d. chmod

26. Which of the following command is used to give the "world" read access to all files in a directory?
a. chmod a=r *
b. chmod o+r *
c. chmod o+r,o-w,o-x *
d. chmod a+r

27. What is the meaning of write permission on directory?
a. No meaning
b. You can make changes in all files of that directory
c. You can not read the content of the files in the directory
d. You can add or delete files in the directory

28. Which of the following reason is valid if ls command fails?
a. There is no files in the current directory
b. There is no read permissions on the files of directory
c. There is no read permission on directory itself
d. May be user is not valid user

29. Which permission is required to delete a file?
a. Write permission on file
b. All permission on file
c. Write permission on directory in which file exist
d. Write and Execute permission on directory in which file exist

30. Which command is used to determine file type?
a. uname
b. chmod
c. ls –l
d. cat