**10 MCQ (1 Mark each)**

Q.1. Which among the following is used to display the unix version?

A) uname -v

B) uname -n

C) uname -r

D) kernel

Q.2. The shell used for Single user mode shell is:

A) bash

B) Csh

C) ksh

D) sh

Q.3. Which of the following commands allows definition and assignment of environment variables under bash?

A) env

B) export

C) environ

D) setenviron

Q.4. In the shell, by default, all variables are considered and stored as

A) string

B) integer

C) character

D) float

Q.5. Which command is used to reexecute the previous command?

A) !!

B) !cat

C) !3

D) !$

Q.6. Which command concatenate the specified argument into a single command, then execute the command?

A) fc

B) eval

C) exec

D) getopts

Q.7. How do you get parent process identification number?

A) waitpid

B) getpid

C) getppid

D) parented

Q.8. By ps command, which attribute is not shown?

A) PID

B) size

C) tty

D) PPID

Q.9. Which service is used to translate domain name to IP address?

A) MBR

B) DNS

C) NDS

D) All of the above

Q.10. After successful execution of linux a command, the exit status will be

A) 1

B) 2

C) 3

4) 0

**5 MCQ (2 Marks each)**

Q.1. All linux commands return an \_\_\_\_\_\_\_\_\_\_\_ after they have finished executing.

A) value

B) exit status

C) result

D) Nothing

Q.2. What is the output of the following code:

os=Unix

echo 1.$os 2."$os" 3.'$os' 4.$os

A) 1.Unix 2.Unix 3.Unix 4.Unix

B) 1.Unix 2.Unix 3.$os 4.Unix

C) 1.Unix 2.Unix 3.Unix 4.$os

D) 1.Unix 2.$os 3.$os 4.$os

Q.3. What is the output of the following command for bash shell:

echo linux $0

A) linux echo

B) linux linux

C) linux bash

D) linux

Q.4. What is the output of this program?

#!/bin/bash

a=10; b=20

c=$((++a))

let a=c+a

echo $a

exit 0

A) 21

B) 22

C) program will generate an error message

D) none of the mentioned

Q.5. To determine the shell of your system\_\_\_\_\_\_\_\_\_\_

A) SHELL

B) $SHELL

C) echo $SHELL

D) echo SHELL

**4 Submissions (5 Marks each)**

Q.1. Enlist the string operators with example. (Minimum 5)

Q.2. Write a script to accept rating as input and display the message as per the below, using case statement.

User Points Rating

30 to 50 Average

51 to 60 Good

61 to 80 Excellent

81 to 100 Outstanding

For e.g.

input - 77

output - Excellent

Q.3. Explain “which” command and its options and with examples of each.

Q.4. Write commands for following, (1 mark each)

a) Display all the network interfaces name.

b) Check all active and inactive network interfaces.

c) Change the mtu to 3000 of the default network interfaces.

d) Change the ip address of the default network interface.

e) Enable promiscuous mode for current network interface.