**10 MCQ (1 Mark each)**

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

A) uname -r

B) uname -n

C) uname -t

D) kernel

Q.2. Shell scripting files are saved with a \_\_\_\_\_\_ extension.

A) .shell

B) .SHELL

C) .sh

D) All of the above

Q.3. After successful execution of linux a command, the exit status will be

A) 1

B) 2

C) 3

4) 0

Q.4. BASH shell stands for?

A) Bourne-again Shell

B) Basic Access Shell

C) Basic to Advanced Shell

D) Big & Advanced Shell

Q.5. Which variable is used to display number of arguments specified in command line.

A) $0

B) $#

C) $\*

D) $?

Q.6. Which command brings a background job into the foreground?

A) fg

B) bg

C) jobs %1

D) none of the mentioned

Q.7. ‘kill %s’ command will

A) terminate the job whose command line starts with s

B) terminate the last job

C) terminate the first job

D) none of the mentioned

Q.8. Process information in the current shell can be obtained by using

A) gf

B) bg

C) gb

D) ps

Q.9. The shell script is\_\_\_\_\_\_.

A) File containing a series of commands

B) File containing special symbols

C) group of commands

D) group of functions

Q.10. Shell provides \_\_\_\_\_\_\_\_\_ structures to make decisions.

A) loop statements

B) conditional control

C) script

D) All of the above

**5 MCQ (2 Marks each)**

Q.1. Choose the command to display the current date in the form dd/mm/yyyy.

A) date +”/%d/%m/20%y”

B) date +”%d/%m/%Y”

C) date +/%d/%m/20%y

D) date +%d/%m/%Y

Q.2. In linux shell scripting, A new if can be nested inside \_\_\_\_\_\_\_.

A) elseif

B) else

C) elif

D) All of the above

Q.3. What is the output of the following program?

[ -n $HOME ]

echo $?

[ -z $HOME ]

echo $?

A) 0

1

B) 1

0

C) 0

0

D) 1

1

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

#!/bin/bash

var1=10

$var1=20

echo $var1

exit 0

A) program will print 10

B) program will generate a warning message

C) program will print 20

D) program will print 10 & 20

Q.5. What is the output of this program?

#!/bin/bash

a=1; b=2; c=3

d=$(( ++a\*\*b\*c++ + a ))

echo $d

exit 0

A) 14

B) 12

C) program will generate an error message

D) none of the mentioned

**4 Submissions (5 Marks each)**

Q.1. Which commands are used in troubleshooting in linux?

Q.2. Write a shell script in linux to find whether the entered character is vowel or consonant.

Q.3. Write a note on nice commands, with examples.

Q.4. Write a shell script to determine the type of a triangle depending on the input values of the sides of the triangle. (set8)

Scalene: A triangle where every side is different in length.

Isosceles: A triangle where 2 sides are equal.

Equilateral: A triangle where all sides are equal.