* 1. **ASSESSMENT QUESTIONAIRE**

**All the Questions have one or more answers. Choose all that apply. You will be scored as correct only when you choose all the correct answers.**

1. Which of the following is a device file?
   * + 1. /dev/null
       2. .bashrc
       3. /dev/tty
       4. /etc/resolv.conf
2. You would prefer to append the contents of the file hello.txt with “Hello World”. Which command would you prefer?
   * + 1. echo 'Hello World' > hello.txt
       2. cat < 'Hello World' | hello.txt
       3. echo 'Hello World' > > hello.txt
       4. exec hello >> hello.txt
3. Lets say you have set your umask as 022 in the shell . And the base default permissions for directory is 777. You create a directory named Scripts. What permissions would you expect for this directory?
   * + 1. r\_x rw\_ r\_ \_
       2. rwx rwx rwx
       3. \_ \_ x \_ \_ x rw\_
       4. rwx r\_x r\_x
4. You want to install Apache webserver (httpd) with your package manager. Which of the commands would you use?
   * + 1. sudo cat httpd > httpd.conf
       2. sudo apt install httpd
       3. top | grep httpd
       4. fdisk -n /dev/http
5. You want to end all processes named httpd running on your system. Which of the commands would you execute?
   * + 1. trap SIGTERM > httpd
       2. end httpd
       3. kill -9 httpd
       4. killall httpd
6. You want to know the exit status of the last command executed? Which one would you use?
   * + 1. exit ?
       2. return exit
       3. cat exit.conf
       4. exit 0
7. You have a shell variable name=”Sachin Tendulkar”. You want to access its contents in a shell script. Which of the commands would you write in your script?
   * + 1. echo $name
       2. cat $name
       3. echo “$name”
       4. ps aux | grep name
8. You want to extract only the english letters a-z or A-Z in your regular expression of your script named hello.sh . What would you write in your script ?
   * + 1. grep '[[:digit:]]\{2\}'
       2. print '[:alphanum:]'
       3. grep '[[:alpha:]]'
       4. echo [[:alpha:]]
9. How would you express your 3rd command line argument inside your script while processing cmd-line arguments?
   * + 1. $3
       2. “$3”
       3. $#
       4. $@3
10. You have a variable named name=/home/sunita/scripts/big.file.name. You execute the command : echo ${path##/\*/} in your script. What would you get?

* + - 1. big.file.name
      2. sunita/scripts/big.file.name
      3. /home/sunita
      4. file.name

**ANSWERS:**

1. a , c
2. c
3. d
4. b
5. d
6. a
7. c
8. c
9. b
10. a