**Vi Basics and Modes – 1**

1. Which editor is used by the UNIX system to edit files?  
   a) vi  
   b) notepad  
   c) word  
   d) notepad++
2. What does the following command do?

$ vi file001

a) open file named file001

b) edit file named file001

c) delete a file named file001

d) open file if it exists else creates a new file

3. Which option is used by vi editor to open a file in read mode only?

a) -r

b) -R

c) -d

d) -f

4. How many types of modes are used by vi editor?

a) 2

b) 4

c) 3

d) 1

5. What is the default mode of vi editor?

a) Command mode

b) Input mode

c) Ex mode

d) Insert mode

6. To insert text into a file, \_\_\_\_\_ mode is used.

a) Command mode

b) Input mode

c) Ex mode

d) def mode

7. ex mode is used for what purpose?

a) file handling

b) substitution

c) file handling and substitution

d) Inputting text in files

8. Which one of the following key is used to switch from command mode to input mode?

a) i

b) :

c) esc

d) ;

9. \_\_\_\_ key is used for switching to command mode from input mode.

a) i

b) A

c) :

d) esc

10. Which of the following key is used to enter in ex-mode?

a) ESC

b) i

c) :

d) ;

**Vi Basics and Modes – 2**

1. ex-mode is used to save our work.

a) True

b) False

2. Commands inputted in command mode don’t appear on the terminal.

a) True

b) False

3. To clear the screen in vi editor, \_\_\_\_\_ is used.

a) ctrl-h

b) ctrl-l

c) ctrl-p

d) ctrl-v

4. vi commands are not case sensitive.

a) True

b) False

5. While entering text in input mode the data is saved in \_\_\_\_\_

a) buffer

b) disk

c) RAM

d) cache

6. To quit vi editor without saving the buffer we can use

a) :q

b) :c

c) :w

d) :q!

7. The first UNIX editor was \_\_\_\_

a) emacs

b) ex

c) ed

d) vi

8. One of the most important features of vi editor is \_\_\_\_\_\_\_

a) available mostly across all UNIX platforms

b) easy to learn

c) latest editor

d) powerful than other editors

9. The “ed” text editor is no longer in use.

a) True

b) False

**Vi-Input Mode**

1. Input mode is used for \_\_\_\_\_\_\_\_\_\_\_\_

a) editing text in files

b) invoking commands on files

c) saving files

d) performing substitution

2. Which command is used to insert text before the current cursor location?

a) a

b) A

c) I

d) i

3. Which command will be used to insert text at the beginning of the line?

a) i

b) I

c) a

d) A

4. To append text after the current cursor location, we can use \_\_\_\_ command

a) A

b) a

c) i

d) I

5. Which command appends text at the end of the current line?

a) A

b) a

c) i

d) I

6. To replace a single character, we use \_\_\_\_ command

a) r

b) R

c) s

d) i

7. vi automatically switches from command mode to input mode when we press ‘r’.

a) True

b) False

8. To replace all text on the right of the cursor position, we use \_\_\_\_ command.

a) r

b) R

c) s

d) I

9. Which one of the following command is used to replace a single character with many?

a) s

b) r

c) R

d) S

10. To replace 5 characters with new characters, which one of the following will be used?

a) s

b) 5S

c) 5s

d) S

11. To replace the entire line irrespective of cursor position, we can use \_\_\_\_ command

a) s

b) 10s

c) S

d) 10s

12. After using ‘s’ or ‘S’, we are automatically left in insert mode.

a) True

b) False

13. Which command creates a space for entering a new line of text below the current cursor location?

a) o

b) O

c) a

d) S

14. To create a space for entering a new line of text above the current cursor location, ‘O’ command is used.

a) True

b) False

15. Which of the following command is not used for entering or replacing text?

a) ‘a’ and ‘A’

b) ‘s’ and ‘S’

c) ‘r’ and ‘R’

d) :q

**Vi-Ex Mode – 1**

1. To save the editing performed on a file, we have to switch to \_\_\_\_\_\_ mode

a) command

b) input

c) ex

d) insert

2. Pressing ‘:’ in command mode invokes which mode of vi editor?

a) ex-mode

b) insert mode

c) command mode

d) input mode

3. To save a file and return to shell prompt, which one of the following command will be used in ex-mode?

a) :w

b) ‘:x’

c) :a

d) :f

4. To save a file and remain in vi editor, which one of the following command will be used?

a) :w

b) ‘:x’

c) :q

d) :a

5. After pressing ‘:w’, we can normally resume our editing work.

a) True

b) False

6. We can specify the filename with ‘:w’ command.

a) True

b) False

7. Which command is used for saving and quitting the editor simultaneously?

a) :q

b) :w

c) ‘:x’

d) :f

8. Which of the following command is a substitute for ‘:x’ command?

a) ‘:x’

b) :wq

c) :q

d) :w

9. Which one of the following is the best way for saving and quitting the editor?

a) ZZ

b) :wq

c) :w

d) ‘:x’

10. Which command is used to abort the editing and quit the editing mode?

a) :w

b) :wq

c) :q

d) ‘:x’

**Vi-Ex Mode – 2**

1. Quit (:q) command doesn’t work if the buffer is unsaved.

a) True

b) False

2. Which of the following command will be used if we want to abort editing and quit the editor even if the buffer has been changed and not saved?

a) :q

b) :b

c) :q!

d) :w

3. In ex-mode, current line is represented by \_\_\_

a) :

b) $

c) >

d) .

4. In ex-mode, last line is represented by \_\_\_

a) :

b) $

c) >

d) .

5. ‘:w’ command can be used to write selected lines.

a) True

b) False

6. Which of the following command will be used to write the 4th line to file named file002?

a) : 1,40w file002

b) : 1,$w file002

c) : 4w file002

d) : 1,4w file002

7. Which of the following is not a valid command?

a) : .,$w file002

b) :w 1,$ file002

c) : .w file002

d) : $w file002

8. How can we escape to the UNIX shell without quitting vi editor?

a) using ‘:sh’ command

b) using ctrl-Z

c) using ctrl-D

d) using ‘:sh’ command and using ctrl-Z

9. To return back to the editor from shell prompt we use \_\_\_\_\_ command.

a) fg

b) exit

c) back

d) fg and exit

10. vi editor stores most of its information in a hidden swap file.

a) True

b) False

11. To recover from a crash, we can use \_\_\_\_ command.

a) :recover

b) -r

c) : x

d) :recover and -r

12. The following command will save the contents of the buffer and overwrites the contents of existing file.

:w! file003

a) True

b) False

**Navigation in Vi Editor – 1**

1. For navigation purposes, the mode should be \_\_\_\_\_ mode.

a) command

b) input

c) insert

d) ex

2. Which of the following keys are used to moving the cursor up and down?

a) k

b) h

c) l

d) k and j

3. Which of the following keys is used to moving cursor leftwards along a line?

a) k

b) h

c) l

d) j

4. Which one of the following keys are used to moving cursor rightwards along a line?

a) k

b) h

c) l

d) j

5. We can prefix the repeat factor with navigation keys (h, j, k and l).

a) True

b) False

6. Which one of the following command is invalid?

a) 20h

b) 5l

c) 4k

d) 3d

7. We can perform word navigation in vi editor.

a) True

b) False

8. Using ‘b’ command we can \_\_\_\_\_\_\_\_\_\_\_\_\_

a) move back to the beginning of the word

b) move forward to the end of the word

c) move forward to the beginning of the word

d) move back to the end of the word

9. Using ‘e’ command we can \_\_\_\_\_\_\_\_\_\_\_\_\_

a) move back to the beginning of the word

b) move forward to the end of the word

c) move forward to the beginning of the word

d) move back to the end of the word

10. Using ‘w’ command we can \_\_\_\_\_\_\_\_\_\_\_\_\_

a) move back to the beginning of the word

b) move forward to the end of the word

c) move forward to the beginning of the word

d) move back to the end of the word