

STD: XI**JULY MONTHLY TEST****Lessons: 4 to 6****Marks: 50 / Time: 1.30 Hrs.****COMPUTER SCIENCE****PART- I****I. Choose the correct answers.****10 X 1 = 10**

1. The File management system used by Linux is
 - a) ext2
 - b) NTFS
 - c) FAT
 - d) NFTS
2. Interactive Operating System provides
 - a) Graphics User Interface (GUI)
 - b) Data Distribution
 - c) Security Management
 - d) Real Time Processing
3. Which algorithm is designed for time sharing systems
 - a) FIFO
 - b) SJF
 - c) Round Robin
 - d) based on priority
4. Which is the default folder for many Windows Applications to save your file?
 - a) My Document
 - b) My Pictures
 - c) Documents and Settings
 - d) My Computer
5. What is the meaning of "Hibernate" in Windows XP/Windows 7?
 - a) Restart the Computer in safe mode
 - b) Restart the Computer in hibernate mode
 - c) Shutdown the Computer terminating all the running applications
 - d) Shutdown the Computer without closing the running applications
6. You can move to the desktop anytime by pressing the _____ while working in any application
 - a) Winkey+B
 - b) Winkey+D
 - c) Winkey+A
 - d) Ctrl+D
7. The parts of an algorithm is known as _____
 - a) Variable
 - b) Functions
 - c) Algorithm
 - d) Abstraction
8. Omitting details inessential to the task and representing only the essential features of the task is known as
 - a) specification
 - b) abstraction
 - c) composition
 - d) decomposition
9. Stating the input property and the input-output relation a problem is known
 - a) specification
 - b) statement
 - c) algorithm
 - d) definition
10. Decomposition means _____
 - a) The relationship between input and output
 - b) Ignoring or hiding unnecessary details
 - c) Step by step procedure
 - d) Divide the main algorithm into functions

PART- II**II. Answer any five questions. Question No. 17 is compulsory:****5 X 2 = 10**

11. What is a GUI?
12. What are the security management features available in Operating System ?
13. Name some of the popular operating systems used in personal computers and mobile devices

14. What are called standard icons?
15. What is known as Multitasking?
16. Specify a function to find the minimum of two numbers.
17. Mention three important control flow statements

PART- III

III. Answer any five questions. Question No. 24 is compulsory:

5 X 3 = 15

18. What are the advantages and disadvantages of Time-sharing features?
19. Write a note on Recycle bin.
20. Write a note on the elements of a window.
21. How is state represented in algorithms?
22. Write a note on Multiprocessing
23. Explain (i) Switch user (ii) Log off (iii) Restart
24. What are the values of variables m and n after the assignments in line(1) and line(3)
(1) m, n:=4,10 (2) --m, n: =?? (3) m, n: =m+5,n-2 (4) --m, n: =??

PART- IV

IV. Answer all the questions.

3 X 5 = 15

25. a) Explain the versions of Windows Operating System.

(OR)

b) List out the points to be noted while creating a user interface for an Operating system.

26. a) Write the specification of an algorithm for computing the square root of a number

(OR)

b) Write the procedure to copy and paste files and folders to removable disk

27. a) Exchange the contents: Given two glasses marked A and B. Glass A is full of apple drink and glass B is full of grape drink. For exchanging the contents of glasses A and B, represent the state by suitable variables, and write the specification of the algorithm.

(OR)

- b) Write the procedure to create shortcut in Windows OS.