

S-III/7/2455/21

VI Semester

VII Paper

Computer Science

Time: 3 hrs.

M.M.-80

(15×2=30)

I. Answer the following Questions.

1. A _____ is a variable that holds the address of another variable.

2. Software helps to access Webpage is _____.

OR

What are data structures?

3. In _____ method, the actual and formal arguments refers to same memory locations.

OR

In _____ protocol, no information about a transaction is maintained after a transaction is processed.

4. What are self referential structure?

5. What is a file?

6. Transferring files from client to server is called as _____.

7. What do you mean by Dynamic Memory Allocation?

OR

In singly linked list, address, of the last node points to the first Node.
(State True / False).

8. What is the function to close a file?

9. The web pages of your website cannot be connected by Hyperlinks.
(State True / False).

OR

Adobe Dreamweaver is an example for _____.

10. In _____ method, the formal argument is a copy of the actual argument.
11. If *p is pointing to a float type variable, incrementing p (p++) will increment the memory address by _____ Bytes.
12. In linked list, accessing of element is done in
 - (a) Sequential Order
 - (b) Random Order
 - (c) Both a and b
 - (d) None of a and b
13. Chrome, Internet Explorer, Microsoft Edge are examples for _____.

OR

In Linked List, Logical Order of elements.

- (a) is same as their physical elements
 - (b) is not necessarily equivalent to their physical elements
 - (c) is determined by their physical arrangements.
 - (d) None of the above.
14. The function open () of failure returns _____.
 15. When a pointer variable is incremented, its value gets incremented by the size of the types to which it points to. (True / False).

II. Answer the following Questions.

(5×6=30)

16. What are Connections Oriented and Connection less Protocols? Give an example for each.
17. What is a pointer? What are the uses of pointers?

OR

What are the functions used in the concept of Dynamic Memory Allocation? Explain them.

18. Explain file Accessing Modes describing their usage.

OR

What is a Linked List? Explain what a Node contains in a singly linked list.

19. Explain formatted Input and Output Statements used in files.
20. What is a Structure? Explain how to create a structure to create a Node for Singly linked List.

OR

What is a pointer to pointer variable? Explain with an example.

III. Answer the following Questions.

(2×10=20)

21. What do you understand by the term "Website Planning"? What are the basic steps to be kept in mind while designing a Website? Give a brief description of each of them.
22. What is a file? Explain following file functions
 - a) `fopen ()`
 - b) `fclose ()`
 - c) `fgets ()`

OR

What are the types of linked lists? Explain the advantages and disadvantages of using linked lists.