Mark 1

1. Operators trigger computers to carry out operations. C++ Operator used for dynamic memory allocation is…….
2. Expand ANN
3. Odd one out :
    a. File
    b. Field
    c. Record
    d. Primary Key
4. Name the Tag that is used to insert an image in HTML
5. Variables are containers for storing data. Name the keyword used to declare a variable in javascript.
6. In Object Oriented Programming the wrapping up of data and functions is known as…..

Mark 2

7. The data structure is very useful to construct in a programming language. With the help of suitable examples define structure data structure in C++.
8. List any four characteristics of Object Oriented Programming
9. What is meant by a memory leak in C++
10. A website is a public application that usually targets any number of users. Differentiate between static and dynamic web pages
11. An HTML page is defined by different tags. Compare empty tag and container tag?
12. Write an HTML code segment to display $a^3 + b^3$
13. Give short notes on Hyperlink in HTML
14. Categorise the following items into tags and attributes
    ```
    a. Embed, Action, Selected, DT
    ```
15. Predict the output of the given code snippet
    ```
    var a,b,c;
    a="10", b=2;
    c=a+b;
    document. write(c);
    ```
16. A function in a programming language is a group of instructions with a name. Name and explain any two built-in functions in javascript
17. FTP client software is used to transfer files from the client's computer to the web server. Name any two FTP client software.
18. Aggregate Queries provide basic features of the data. Explain any two Aggregate Query functions.

Marks 3

19. Differentiate the given two statements

```
int *p = new int (5);
int *p = new int [5];
```

20. Explain any three operations in the linked list.
21. Mention any six attributes of the body tag
22. Give short notes on data types in javascript
23. Once development is completed a website is to be hosted on a server. Briefly explain different hosting methods.
24. Define the following terms
    a. Domain
    b. Cardinality
    c. Degree
25. Differentiate between `echo` and `print`
26. Describe any cloud service models.
27. Describe any three e-learning tools.
28. Write about the different possible interactions in e-governance?
29. 'Social media can be a menace' Comment on this.

Marks 5

30. In HTML listing is used to display data in a convenient form. Write HTML code to generate the following list.
    I. Trending Technologies
        ● chatGPT
        ● DeepAI
        ● Blockchain
    II. Digital Devices
        ● Smart watches
        ● Ear buds
        ● Smart Glasses
31. Prepare SQL statements based on the given employee table.
    Emp_name Character(20), Designation Character(15), Basic_Pay Number(8,2), DA Number(6,2), Gross_Salary number (8,2)
    a. Insert data in to the employee table
    b. Updated DA as 7% of Basic_Pay
    c. Update Gross_Salary = Basic_Pay+DA
    d. Display the complete details of the employee table.
32. Briefly explain five advantages of DBMS

Consolidate By

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