Computer Science (330)

Previous Year questions- April2024

SECTION—A(One Mark for each Question)

1. (i) The _____ tag in HTML allows the user to create an image in Web page.
    (A) <image>
    (B) <Img>
    (C) <imag>
    (D) <im>

    Ans:- <img>

2. File > Print in presentation is equal to
    (A) Ctrl+N
    (B) Ctrl+Q
    (C) Ctrl+P
    (D) Ctrl+T
    Ans:- Ctrl+P

3. <OL>tag is used to create an _____ list in HTML.
    (A) unordered
    (B) ordered
    (C) organised
    (D) unorganise
    Ans:- Ordered

4. Sqrt(x) is a _____ function in C++.
    (A) string
    (B) mathematical
    (C) character
    (D) tex
    Ans:- mathematical

5. A pointer is a variable that represents the location of a data itemSuch as
    (A) variable
    (B) array element
    (C) Both (A) and (B)
    (D) program
    Ans:- Both (A) and (B)

6. Expand ISP

   Ans:- Internet Service Provider

7. Face is the attribute of _____ tag.

   (A) <body>

   (B) <html>

   (C) <font>

    (D) <image

   Ans:- <font>

8. What will be the output produced by the following program if the
   Value of the variable x is 15 and y is 6?

   ```
   #include<iostream.h>
   int main()
   {
   int x, y;
   cin>>x>>y;
   if(x>y)
   cout<<"Smiley face";
   else
   cout<<"Sad face";
   ```

   Ans:- Sad face

   Fill in the blanks

9. A _____ is a form of pictorial representation of data

   Ans:- Graph

10. _____ means arranging data in ascending or descending order

    Ans:- Sorting

11. The function open() have _____ parameters

    Ans:- 3

SECTION B(Two marks each)

12. Define the following terms (any two) :

    (a) Object
    (b) Member functions
    (c) Destructor

(d) Parameterized constructor

Ans:- Object:- an object is an instance of a class that contains data and functionality related to that data.

Member Functions:-
Functions or operators that are declared as members of a class. They can be used to perform operations on an object's data and interact with objects of the same class.

Destructor:-
Destructor is an instance member function that is invoked automatically whenever an object is going to be destroyed.

Parametrized Constructor
A constructor that takes one or more parameters, allowing programmers to create objects with specific properties and attributes.

13 (a) .What do you mean by data integrity?

Or

(b) Define relational database

Ans:- Data integrity is the process of ensuring that data is accurate, consistent, and complete throughout its lifecycle in a database management system (DBMS):

Importance

Data integrity is vital for organizations that rely on data to make decisions, such as in healthcare, finance, and education.

Relational Database

A relational database is a collection of information that organizes data in predefined relationships where data is stored in one or more tables (or "relations") of columns and rows, making it easy to see and understand how different data structures relate to each other. Relationships are a logical connection between different tables, established on the basis of interaction among these tables.