Max Mark : 60   Time: 2 Hours

Part-III -COMPUTER APPLICATION –COMMERCE

PART-I

Answer any five questions from 1 to 6. Each carries 1 score.

1. ----------------- function is used to display message on the screen in JavaScript.

2. Predict the value of x in the following C++ statement.

$$x=10\%-3$$

a) 1   b) -1   c) 3   d) -3

3. The data that is passed to the function is called -----------------

4. Write the name of the record used to store the IP address of the web server connected to a domain name

5. Which tag in HTML is used to create a drop-down list.

a) <input>   b) <select>   c) <option>   d)<textarea>

6. DSS stands for ---------------------

PART-II

Answer any 9 questions from 7 to 18. Each carries 2 score

7. What are the responsibilities of Database administrator?

8. What is infomania? Write your opinion about its impact on society and individuals.

9. List any four aggregate functions in SQL.

10. Write the JavaScript function to perform the following

a) to find the character at a particular position.

b) to convert a given string to a number.

11. Rewrite the following code using if….else statement

    x>y ? big=x: big=y;

12. Classify the following C++ tokens into different categories.

    float , num, "name", ++

13. Write the output of above code

    int a[5]={20,21,22,23,24};

    cout<<"Welcome to "<<a[0]<<a[3];

14. identify the C++ built-in functions for the following

       a) to find the square root of 25

       b) to append a string to another

15. Write the header file needed for the following functions

       a) isdigit( )   b) gets( )

16. Differentiate **cellspacing** and **cellpadding** in connection with <TABLE> tag

17. Define internal and external linking in HTML

18. Write any two attributes of the following tags

   a) <font>   **b) <img>**

PART-III

Answer any 9 questions from 19 to 29. Each carries 3 score

19. Suppose you wish to host a website for your family. What are the advantages that free hosting companies provide? Write an example of free web hosting services.

20. a) Which are the two methods of function call?

b) State any two differences between them.

21. Define the following

a) domain   b) cardinality   c) degree

22. What are the benefits of ERP system?

23. a) Name the basic data types in JavaScript

b) Identify the suitable data types for the following

       "Hello", 125, "536"

24. List and explain three data types in SQL

25. Distinguish between the following

    a) CHAR and VARCHAR data types in SQL

    b) DISTINCT and UNIQUE in SQL

    c) DROP and DELETE command in SQL

26. Write an HTML code to create the following list

ii. Ordered list

iii. Unordered list

iv. Definition list

27. a) What is the use of reserved characters for HTML entities.

b) List any four reserved characters.

28. Write array declaration statement for storing

a) Capital English letters

b) birth year of 20 students

c) 5 real values

29. Write any three cyber crime against government.

PART-IV

Answer any 2 questions from 30 to 32. Each carries 5 score

    30. a) Port number of HTTP protocol is ....

    b) Name the tag and its attributes used to include script in a webpage

    c) Name any two server side scripting language

    d) Differentiate client side and server side scripting languages.

  31. Explain different unary operators in relational algebra with example.

  32. Consider the following C++ code

```
int sum=0, k;
for(k=2;k<=10;k+=2)
sum=sum+k;
cout<<"sum="<<sum;
```

    a) predict the output

    b) Which is the loop control variable

c) Identify different looping elements in the above loop.