

**SECOND YEAR HIGHER SECONDARY MODEL EXAMINATION
2023**

COMPUTER APPLICATION -COMMERCE

Time : 2 Hours

Maximum Score : 60

Answer any FIVE questions from 1 to 6. Each carries 1 score. (5 x 1 = 5)

1. Pick the exit controlled loop from the following

a) for b) while c) do... while d) switch

2. Give the name of any server side scripting language

3. Write the software port number for SMTP.

4. Write the following JavaScript statement.

document. -----("Hello World");

5. -----is used to store the IP address of a web server connected to a domain name.

6. The person who interacts with the database using queries is

Answer any NINE questions from to 7 to 18 Each carries 2 scores (9 x 2 = 18)

7. Classify the following C++ tokens.

%, if, "abc", 17.5, num9, 7, break, ;, FOR

8. List the datatype modifiers in C++

9. Rewrite the following for loop using while loop

```
for (int a=5; a<= 20; a = a + 4)
    cout <<a;
```

10. int A[] = { 26, 74, 32, 18, 15, 28}; write the output of the following

a) A [2] b) A [4]

11. Write the advantages of modular programming

12. Write the function prototype for an integer function sum () which accept 2 integer parameters. ? 13. Compare Static and Dynamic web pages?

14. What are the components of DBMS?

15. Define the following a) Cardinality b) Domain

16. Write any four benefits of ERP ?

17. Write any two examples of ERP packages ?

18. List mobile Communication services. ?

Answer any NINE questions from 19 to 29. Each carries 3 scores. (9 x 3 = 27)

19: List and explain the jump statements in C++ ?

20. What is array in C++ ? Calculate the memory (in bytes) required for the Following

a) A character array with size 25

b) A float array with size 20

21. Compare Call by Value and Call by Reference of function call ?

22. List and explain any three built-in character functions in C++?

23. List the attributes of <BODY> tag?

24. What is the difference between container tag and empty tag. with example?

25. Write the HTML code for the following list

5. Accountancy
6. Computer Application
7. Business Studies
8. Economics

26. List and explain the datatypes of JavaScript.

27. List and explain the three types of Web Hosting ?

28. Explain any three column constraints in SQL?

29. Explain Cyber Crimes against government ?

Answer any TWO questions from 30 to 32. Each carries 5 scores. (2 × 5= 10)

30. Write HTML code to display The following table

Batch	Boys	Girls	Total
Plus One	150	155	305
Plus Two	140	154	294

31. Explain the advantages of DBMS.

32. Write SQL Queries for the following

a) Create a table Student with fields

Rolls number Integer Primary key

Name character Not Null

Batch character

Mark Integer

b) Display the details of all students.

c) Display all students in 'Commerce' batch.

d) Display the highest mark in the table

e) Increase the mark of a student by 10 whose roll number is 10

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