

RAJA RAVI VARMA GIRLS HIGHER SECONDARY SCHOOL , KILIMANOOR
SECOND YEAR HIGHER SECONDARY PRE MODEL EXAM 2023

Computer Application-COM

Maximum : 60 Scores

RRV GIRLS KILIMANOOR

Time: 2 Hour

Answer any 5 questions from 1 to 6 . Each carries 1 Score. (5 × 1 = 5)

1. The ----- block is executed in a switch if no matching conditions are found .
2. The variables used in the function header are known as-----
3. Name the attribute of <Script > tag .
4. SAP stands for-----
5. List any two popular Mobile operating systems.
6. -----is used to transfer files from one computer to another on the internet.

Answer any 9 questions from 7 to 18. Each carries 2 Scores. (9 × 2 = 18)

7. What is meant by type casting ?
8. Consider the following c++ code and write the o/p

```
int num[5] = {2,4,6,8,10};  
cout <<a[1] +a[3];
```
9. Differentiate between break and continue statement.
10. List any 4 character functions available in c++.
11. Consider the following c++ code

```
Int a=10;  
Int main()  
{  
int b= 15; }
```

Identify the local and global variable.
12. Explain the attributes of tag.
13. What is internal linking ? Write the Html tag and attribute to create an internal linking.
14. What are the functions of DBA ?
15. Name any 4 components of DBMS.
16. Write any 2 cyber crimes against individuals.
17. Write javascript code to display the message "Welcome to Javascript".
18. Write short note on any two mobile communication services in the mobile industry.

19. Answer any 9 questions from 19 to 29. Each carries 3 Scores. (9 × 3 = 27)

20. a). What is an array. Write C++ statement to declare an array of 25 integers.
b) How much memory is allocated to an integer array of size 25.
21. Differentiate call by value method and call by reference method for calling functions.
22. What are the different types of scripting languages? Compare each.
23. Which tag is used to insert an image in web pages? Explain any 2 attributes of it.
24. Write the HTML code to do the following:
 - (i) CRT
 - (ii) LCD
 - (iii) LED
25. (a) The keyword used to declare variables in Javascript.
(b) Classify the following values in Javascript into suitable datatypes. "welcome", "true", 3.14, 123, false, "23".
26. Write short note on
 - (i) Dedicated Hosting.
 - (ii) Free hosting
 - (iii) Responsive web design.
27. What are the three levels of Data Abstraction. Explain.
28. What are the three components of SQL. Explain
29. Define the following.
 - (a) Data redundancy
 - (b) Keys
 - (c) Data Independence
30. Write any 3 examples of ERP packages.

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

31. What is an operator? Explain any 4 operators in C++.
32. (a) What is a container tag. Give Examples.
(b) Explain any 4 attributes of <Body > tag.
32. Write SQL commands to do the following.
 - (a) List and explain any 2 column constraints in SQL.
 - (b) List the aggregate functions in SQL.
 - (c) Write SQL command to display all the details from the table.