HIGHER SECONDARY MODEL QUESTION PAPER

COMPUTER SCIENCE

Time :2 Hours
Cool of Time :15 Minutes

HSE II   **Maximum Score 60**

Answer any 5 questions from 1 to 6.Each carries 1 score.

1.Structure within another structure is known as ----------------

2.An instance of a class is known as --------------

3.Write the name of the tag used for hyperlinking.

4.The select operation is denoted by the symbol -----------

5.In PHP the name of the variable starts with -----------sign

6.EPS stands for-----------------

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

7.Define a structure student with the following fields Roll_No,Name,Batch and Score.

8.Define Polymorphism and list down the type of polymorphism.

9.Write down an algorithm to insert an element into a stack.

10.Compare static and dynamic web pages in HTML.

11.Write down any four attributes of <TABLE> tag.

12.What are the data types in java script?

13.What is CMS? Give examples.

14.Differentiate between CHAR and VARCHAR data types in SQL.

15.Explain the aggregate functions in SQL.

16.What are the differences between "echo" and "print" statements in PHP?

17.Distinguish between Serial Computing and Parallel Computing.

18.Briefly explain any two applications of computational intelligence.

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

19.Differentiate between static memory allocation and dynamic memory allocation.

20.Briefly explain the operations on data structures.

21.List and explain the attributes of <BODY> tag.

22.Write html code to display the following table in a web page.

Adm_No	Name	Batch
101	Anil	Commerce
102	Binu	Science

23.Explain the various values of Type attributes in <INPUT> tag.

24.Write down the java script built in functions for the following

    a) To display a message on the screen.

    b) Convert given string in to uppercase.

    c)To check whether the given value is number or not.

25.Write the different ways to add java script code in HTML web page.

26.What is mean by web hosting? Explain the different types of web hosting.

27.Consider the following table and find the Cardinality, Degree and Primary key.

Adm_No	Name	Course	Total
101	Sachin	Science	480
102	Jaison	Commerce	410
103	Rahul	Humanities	200
104	Nancy	Science	350

28.Write SQL queries based on the table employee given below.

Emp_id	EName	EDesignation	Salary
1001	John	Manager	70000
1002	Karthika	Clerk	40000
1003	Fathima	Teacher	50000

a) Display the details of employee whose salary is more than 45000.

b) Display the name and designation of employees whose designation is "clerk".

c) Delete the record from the table employee with Emp_id=1003

29.Define E-Learning. Briefly explain E-Learning tools.

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

30.Briefly Explain the text formatting tags in HTML.

31.Explain the different components of DBMS.

32.a) Define e-Governance. Explain its advantages.

   b) Explain any two cybercrimes against individuals.

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