XII Computer Science Model Question paper

Answer any 5 questions. Each carries 1 mark

1. Binding data and functions into a single unit is called _____

2. Give the full form of VPS.

3. The function in JavaScript that converts a string type data containing numbers to number type.

4. Structure within a structure is termed as -----------------.

5. In PHP name of variable starts with ----------- symbol.

6. Write an attribute of tag

Answer any 9 questions. Each carries 2 marks.

7. Differentiate client side and server side scripts

8. Write an algorithm to add a new element in a stack

9. Compare static and dynamic Polymorphism.

10. Explain about container tag and empty tag with example

11. What are the two types of hyperlinking ? Explain.

12. Explain responsive web designing

13. Find the cardinality and degree of following relation student

14. List the core data types in PHP

15. Distinguish between parallel computing and serial computing

16. Write HTML code to display the following table

Batch	Boys	Girls
Science	25	30
Humanities	28	32

17. Write short notes on free hosting

Answer any 9 questions. Each carries 3 marks.

18. What is a pointer in C++ ? Declare a pointer and initialize with the name of your country

19. Distinguish between array and structure.

20. List various operations on data structures.

21. Write any three differences between static and dynamic web pages

22. Explain different data types in java script

23. Explain levels of data abstraction

24. Explain 3 aggregate functions in SQL

25. Briefly explain about any three e- learning tools

26. Write any three advantages of e-business

27. Explain about cloud service models

28. Explain 3 cybercrimes against individual

Answer any 2 questions. Each carries 5 marks.

29.Write HTML code to display the following list using suitable list tag .
     A . Kozhikkode
          • Beach
          • Thusharagiri
    B. Wayanad
          • Chembra Peak .
          • Banasura Dam

30. Explain any five advantages of DBMS

31. Write SQL queries for the following
i) To create the table CUSTOMER with the following fields (2)

Field	Type	Description
AccNo	Integer	Primary key
AccName	String(25)	
Gender	character (1)	
Branch	character(30)	
Amount	Dec	

ii) To display all the details in the table (1)
iii) To display the account details in Ernakulam branch (1)
iv)To delete the details of customers whose amount is less than 1000 (1)

32.A. Predict the output of the following
      1. isNaN("Big") (1)
      2. var x="welcome"; (1)
        alert(charAt(5));
      3. var s="javascript"; (1)
        alert(s.toUpperCase());
   B. What is the use of <marquee> tag? Write any two attributes of <marquee> tag.
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