XII Computer Science
Sample Question Paper
Prepared at CE Monitoring Camp, Mannarkkad held on 08.02.2023
Part A
Answer any five. Each question carries one mark

1._____ is the operator used to access the structure members.

2._____ is the process of inserting a data item into the stack.

3._____ tag is used to scroll the text in a web page.

4._____ keyword can be used to declare a variable in JavaScript.

5._____ is the candidate key that is not used as the primary key.

6. NLP is _____.

Part B

(Answer any nine.Each Question Carries 2 Marks)

7. What is memory leak? How can it be avoided?

8. Asume that we are having a stack of plates. You are asked to write the algorithm to push a new plate into the stack.

9. Differentiate between array and linked list.

10. List out empty tags from the following tags

   <HTML>,
,<HR>,<P>,<IMG>,<OL>,<INPUT>

11. Explain any two different form controls that can be created by <INPUT> tag.

12. Explain any two data types in the JavaScript with example.

13. Write the JavaScript code define a function named course that displays the string "computer science".

14. Write different steps in domain name registration.

15. Write short notes on

   a.project operation

   b.select operation.

16. Which are the DCL commands in SQL?

17. Write short note on SMS

18. Write any two cyber crimes against government.

Part C

(Answer any Nine. Each question carries 3 mark)

19.a. Define a structure. (1)

   b. Write the structure definition to store the details of a student. The details are

Roll no.   Integer

Name   character

Age.   integer

Mark   integer.   (2)

20. Explain any three characteristics of OOP

21.Differentiate client side scripting and server side scripting.

22. What is the use of \<A\> tag in HTML? Explain with the suitable example.

23. Create a webpage to display the following list

   List of ICT equipments used in classroom.

        1. Laptop

        2. Projector

        3.Speaker

        4. HDMI cable

24.a. what is responsive web designing? (1)

   b.How is it implemented?   (2)

25. Explain different levels of abstraction in DBMS.

26.Explain

     a.Primary Key

     b.Alternate Key

     c.Foreign Key

27. Differentiate between echo and print statements in PHP.

28. Name different Cloud computing service models.

Part D

(Answer any two.Each question carries 5 marks)

29. Write an HTML program to create the following table

Course	No of Students		
	Boys	Girls	Total
Biology	30	35	65
Computer Science	25	40	65
Humanities	33	32	65

30. a.Define the following and give an example for each

     i. DDL

    ii. DML

    iii. DCL.   (3)

  b. Explain any two aggregate functions in SQL. (2)

31. Briefly explain different types of cyber crimes.

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