Computer Science

HSE II   **Total Score: 60**

Answer any five questions from 1 to 6 (1x5=5)

1.Structure elements can be accessed using _____

2. _____ Tag is used to insert music or video

3._____is a Javascript command that includes a text in the body section of the HTML page.

4.Dala about dala is called _____

5.Unauthorised use of intellectied properly eight is known as_____

6. ANN is _____

Answer any 9 questions from 7 to 18 (2x9=18)

7.Struct student
```
        {
                intadmno;
                char name [20];
                float fee;
        }S;
```

How muchmemory is allocated for the variable S ?

8. What is the limitation of Linear queue? How we can overcome it?

9. Write the port number of the (a) DNS (b) HTTPS

10. Classify the following values in JavaScript into suitable data types.
        (a) "Hello"(b) true (c) "false"   (d) 64.2

11. Write any four events in Javascript.

12. Explain Responsive Web Design.

13. List 4 users of database.

14. Distinguish between delete and drop command in sql.

15. What is an associative array?

16. Differentiate GET and POST method in PHP.

17. Name any 4 E-learning tools.

18. What is the importance of geographical indication?

Answer any 9 questions from 19 to 29 (3x9=27)

19. Compare Static and dynamic memory allocation

20. Describe the following

    (a) Inheritance(2) Encapsulation(3) Polymorphism

21. Consider an empty stack.

    (a) The following elements are to be inserted into the stack one after another.

    25, 34, 18, 56.which element will come as TOS

    (b) Perform two POP operations in theabove stack. What will be the new TOS.

22. Explain any three attributes of Marquee tag. 23. Weite HTML code for the following.

    1. Input devices

        •Keyboard
        •Mouse

    2. Output devices

        •Pointers
        •Speakers.

24. What are The different ways to add Script to a web Page?

25. Briefly explain the different types of web hosting

26. Explain different levels of abstraction.

27. Write any three advantages of DBMS

28. What are the services of cloud computing?

29. Explain types of interaction in E-Governance

Write anytwo questions from 30 to 32.(5x2=10)

31. Write the HTML code for the webpage of for the NSS club of your school with the following details and features.

(a) Heading followed by a paragraph of Sentences about Nss.

(b) Give postal address of the location.

(c) Include the NSS logo.

(d) Include a text "NSS Camp 2023" thatscrolls from left to right. a web page for containing

32. Create the following form

<u>Registration Form</u>

Name

Password

Gender Male ⚪
⚪Female

Hobbies ☐Cricket
☐ Football
☐Hockey

SUBMIT   RESET

33. Write an SQL queries based on the table below.

Book ID	Name	Author	Price
B1	C++	Balaguruswamy	250
B2	Java	Joshua Bloch	280
B3	Compiler	Linda Torczon	300

(a) Display all the contents of the table
(b) Display the names of the books written by Joshua Bloch
(c) Insert a new book in the above table by
    (B4, Network, William, 300).
(d) Update The price of the book with the Book ID B2 to 300.
(e) Delete the book of Author Balaguruswamy ?