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**B.M.S COLLEGE FOR WOMEN, AUTONOMOUS**  
**BENGALURU – 560004**  
**SEMESTER END EXAMINATION – SEPTEMBER 2023**

**B.C.A.- 4<sup>th</sup> Semester**

**INTERNET TECHNOLOGY**  
**(NEP Scheme 2021-22 Onwards)**

**Course Code: BCA4DSC12**

**Duration: 2 ½ Hours**

**QP Code: 4033**

**Max Marks: 60**

*Note: Answer all sections.*

**SECTION-A**

**Answer any TEN Questions. Each Question Carries TWO Marks.**

**(10X2=20)**

1. Define Internet?
2. What are web browser and web server?
3. What is universal selector?
4. Write any two cyber ethics.
5. What is an event and event handler?
6. Define web IR. Write the goal of webIR?
7. Write the use of remote login? Give example.
8. Define Big-Data? Write 3 V's of big data.
9. Differentiate <span> and <div> tags.
10. Write the input methods in JavaScript?
11. What is PHP? Write the use of it.
12. Write any 2 benefits of Django.

**SECTION-B**

**Answer any SIX Questions .Each Question Carries FIVE Marks.**

**(6X5=30)**

13. Explain Applications of Internet?
14. Explain Search Engine Architecture.
15. Write the standard XHTML document Structure with example.
16. What is CSS? Explain different levels of CSS.
17. Explain XHTML Events.
18. What is an Array object? Explain any 5 methods of Array object.
19. Write an XHTML document to describe an order list of your favorite subject. Each element of the list must have a nested list of at least two topics in your favorite subject.
20. Explain key features of angular-JS.

**SECTION-C**

**Answer any ONE Questions .Each Question Carries TEN Marks.**

**(1X10=10)**

21. Explain Google page Rank algorithm.
22. Write a program to validate the form fields.

23. What is selector? Explain Different selects in CSS with example.

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