

B.M.S. COLLEGE FOR WOMEN, AUTONOMOUS**BENGALURU – 560004****SEMESTER END EXAMINATION–SEPTEMBER 2023****B.Voc-IT – 4th Semester****INTERNET TECHNOLOGIES****(NEP Scheme 2021-22 Onwards)****Course Code: BVIT4DSC12****Duration: 2 ½ Hours****QP Code: 4036****Max. Marks: 60****Instruction: Answer all the sections.****SECTION-A****I. Answer any TEN questions. Each question carries TWO marks.****(10X2=20)**

1. What are intranet & internet?
2. Mention internet applications.
3. Define file transfer.
4. What is Usenet?
5. Define Cookies.
6. What is big data?
7. What are Java Scripts?
8. Mention types of CSS.
9. How does Node.js work?
10. Why is Django used?
11. What is Web Mining?
12. Define Relational Database.

SECTION-B**II. Answer any FIVE questions. Each question carries FOUR marks.****(5X4=20)**

13. Explain different types of networking with example.
14. Explain the Web Architecture with neat diagram.
15. Describe the generations of Web.
16. Short note on Retrieval Architecture.
17. Explain Client-Side and Server Side Scripting.
18. Compare Relational vs. non-relational databases.
19. Create a Webpage with multiple types of style sheet used in a single page.

SECTION-C**III. Answer any TWO question. Each question carries TEN marks.****(10X2=20)**

21. Write the code to create a college web site using HTML, CSS and Java Script.
22. Write a java script program to perform four arithmetic operations:
Addition, Subtraction, Multiplication and Division on two numbers.
23. Explain the following:
 - a. Ruby on Rails MVC Framework. (5)
 - b. Explain web databases. (5)
24. Explain the following:
 - a. Write the importance and implications of context in Information Retrieval System. (5)
 - b. Research Trends on the Web. (5)

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