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DAU DEGREE COLLEGE LIBRARY  
Inman Road, Yelahanka, Bangalore - 22

Reg. No.

DCCA403

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**IV Semester B.C.A. Degree Examination, September - 2023**

**INTERNET TECHNOLOGIES**

**(NEP Scheme)**

**Time : 2½ Hours**

**Maximum Marks :60**

**Instructions to Candidates:**

**Answer any Four questions from each Part.**

**PART - A**

**Answer any Four questions. Each question carries 2 marks.**

**(4×2=8)**

1. Define Internet and Mention 2 uses of Internet.
2. Expand LAN, WAN, MAN with an example for each.
3. Define and expand HTTP.
4. Define HTML with any two uses.
5. Define web scripting and list out few common scripting languages.
6. Mention any two features of SQL.

**PART - B**

**Answer any Four questions. Each question carries 5 marks.**

**(4×5=20)**

7. What are the services provided by email system?
8. Explain FTP and types of FTP connections.
9. Explain web architecture with a neat diagram.
10. Explain the generations of web in detail.
11. Explain three levels of CSS.
12. Explain MVC architecture in detail.

**[P.T.O.]**

**PART - C**

**Answer any Four questions. Each question carries 8 marks. (4×8=32)**

13. a) What are the services of Internet. (4)
- b) Define Email, E-mail address, Email-client and Email-server. (4)
14. a) Expand WWW and HTML. Mention any two features of each. (4)
- b) What are the different parts of URLs? Illustrate with example. (4)
15. What is cyber ethics? What are the breaches of cyber ethics? (8)
16. What is JavaScript? Mention its advantages and dis-advantages. (8)
17. Explain the HTML structure in detail. (8)
18. a) Differentiate between NoSql and Relational database. (4)
- b) Explain Ruby on rails frame work. (4)

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