



P G Library
SRN Adarsh College
Chamarajpet,
Bengaluru-560018

619840

DCCA413

Reg. No.

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IV Semester B.C.A. Degree Examination, June/July - 2026

COMPUTER APPLICATIONS

**Internet Technologies
(SEP Scheme)**

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

Answer all the Sections.

SECTION - A

I. Answer any Ten of the following questions. Each question carries 2 marks. (10×2=20)

1. Define Internet.
2. What is Cyber Ethics?
3. Define E-mail.
4. What are Cookies?
5. Explain HTTP.
6. Define Web 3.0.
7. Mention any two server-side technologies.
8. What is Bootstrap Framework?
9. Provide any two features of HTML.
10. List any four popular Databases.
11. Define SQL along with abbreviation.
12. What is web mining?

SECTION - B

II. Answer any Five of the following questions. Each question carries 6 marks.(5×6=30)

13. Explain the working process of an E-mail.
14. Explain File transfer protocol.
15. Briefly explain the web information retrieval tools.

[P.T.O.]



16. Explain the working of HTTP communication.
17. Explain the data types in PHP.
18. Write a short note on client side and server side scripting.
19. Write short notes on relational databases.
20. Explain Django Framework.

SECTION - C

III. Answer any Three of the following questions. Each question carries 10 marks.

(3×10=30)

21. a) Explain any five Internet Applications. (5)
b) What are the major challenges faced by WWW. (5)
22. a) Explain about the evolution of Web. (5)
b) What are the performance metrics used in web information Retrieval. (5)
23. a) Explain any five HTML tags with example. (5)
b) Explain model view controller architecture for web application development. (5)
24. a) Explain Ruby on Rails with example. (5)
b) Write a short notes on contextual information Retrieval. (5)