91227

III Semester M.C.A. (Two Years Course) Degree Examination,
April/May - 2026

COMPUTER SCIENCE

Cyber Space (Open Elective)

(CBCS Scheme)

ACHARYA INSTITUTE OF GRADUATE STUDIES
LIBRARY
Date:
BANGALORE-107

Time : 3 Hours **Maximum Marks : 70**

Instructions to Candidates:

1. ***Part - A Answer all the questions.***
2. ***Part - B Answer any Four questions.***
3. ***Part - C Answer any Three questions.***

PART - A

Answer All the questions. Each question carries 2 marks. **(10×2=20)**

1. Define Internet.
2. What is Telnet?
3. Expand HTML and FTP.
4. What is encryption?
5. Define Virus.
6. Explain methods of HTTP.
7. Define the term E-Commerce.
8. What is digital signature?
9. Define cyber terrorism.
10. Name any four Web browsers.

PART - B

Answer any Four questions. Each question carries 5 marks. **(4×5=20)**

11. Explain any two HTML tags with suitable example.
12. Compare B2B, B2C, C2B and C2C.
13. Explain digital signature under the Information Technology Act 2000.

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14. Explain IPV4 address classes.

15. Discuss salient features of IT Act 2000/8.

16. What are the functions of Appellate Tribunal in handling Cyber Crime.

PART - C

Answer any Three questions. Each question carries 10 marks. **(3×10=30)**

17. a) Explain the structure of e-mail with an example. **(5)**

    b) Explain the architecture of web browser with a neat diagram. **(5)**

18. a) Explain the impacts of e-commerce on business. **(5)**

    b) Explain the stages of e-Governance in detail. **(5)**

19. Give advantages and disadvantages of social media. Explain the impact of social media in society. **(10)**

20. a) Discuss DigiLocker as e-governance initiatives. **(5)**

    b) Discuss preventive measures of cyber crime. **(5)**

21. **Write short notes on :** **(3+3+4)**

    a) EDI

    b) Phishing

    c) Adjudicator
