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III Semester M.C.A. Degree Examination, February/March - 2026

COMPUTER SCIENCE

Cyber Space

(Open Elective)

(CBCS 2020-21 Scheme) (Y2k20)

Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

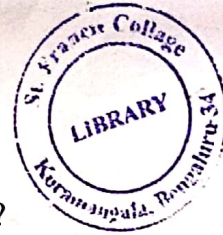
1. Answer All Ten questions from Part-A. Each question carries Two marks
2. Answer any Four questions from Part-B. Each question carries Five marks
3. Answer any Three full questions from Part-C. Each question carries Ten marks

PART - A

Answer All Ten questions. Each question carries Two marks.

(10×2=20)

1. What are the basic services of Internet?
2. What is the difference between HTTP and HTTPS?
3. What is E-mail? Expand SMTP.
4. What is an IP Address, and how does it work in networking?
5. What is E-Commerce, and how does it differ from traditional commerce?
6. What are the four stages of E-Governance?
7. Define e-governance.
8. What is the Cyber Appellate Tribunal, and what is its function?
9. Define Digital Signature.
10. What is Cyber Stalking?



[P.T.O.]

**PART - B**

Answer any Four questions. Each question carries Five marks.

(4×5=20)

11. Discuss the advantages and disadvantages of social media platforms.
12. Explain web browser architecture.
13. Explain the models of E-Commerce in detail.
14. How does e-commerce affect traditional businesses?
15. What is the role of Digital India in promoting E-Governance?
16. What are the salient features of the IT Act 2000?

PART - C

Answer any Three Full questions. Each question carries Ten marks.

(3×10=30)

17. a) What is <table> tag? Explain with example (4)
b) Explain the various classes of IP Address (6)
 18. a) What are the potential privacy issues in social media platforms. (6)
b) Explain the advantages and challenges of e-commerce (4)
 19. a) Discuss the implementation strategies of E-Governance with suitable case study (5)
b) Explain the benefits and challenges of E-Governance in developing countries (5)
 20. Discuss in detail E-Commerce platforms/applications
 21. Discuss the legal framework of penalties under the IT Act, 2000
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