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

**COMPUTER SCIENCE**  
**Cyber Space (Open Elective)**  
**(CBCS Scheme)**

**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
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