



III Semester M.Sc. Examination, March/April 2021  
(CBCS Scheme)  
COMPUTER SCIENCE  
MSC 304 : Cyber Space (Open Elective)

Time : 3 Hours

Max. Marks : 70

**Instructions :** Section – A : Answer *all* questions.  
Section – B : Answer *any four* questions.  
Section – C : Answer *any three* questions.

SECTION – A

Answer **all** the following. **Each** question carries **two** marks : (10×2=20)

1. What is a protocol with respect to computers ? Give two examples of protocols.
2. Define the term e-governance.
3. What is DNS ?
4. Define the term “computer systems” with respect to IT Act, 2000/2008.
5. What is a computer virus ?
6. What does <a> mean in HTML ?
7. What is an ERP ?
8. List four advantages of e-commerce.
9. What is a digital signature ?
10. What is cyber appellate tribunal ?



## SECTION – B

Answer **any four** of the following. **Each** question carries **five** marks : **(4×5=20)**

11. Write an HTML code to create a table with three rows and three columns.
12. Why e-governance is important ? Explain.
13. Explain how e-mail works.
14. List the impacts of e-commerce on business.
15. Explain the architecture of a web browser.
16. List some salient features of IT Act,2000.

## SECTION – C

Answer **any three** of the following. **Each** question carries **ten** marks : **(3×10=30)**

17. Define following terms with respect to the cyberspace :
    - a) IP Address
    - b) Malware
    - c) Search Engine
    - d) WWW.
  18. a) Explain any two applications of e-commerce. **6**
  - b) List and explain any four issues in the implementation of Indian e-governance. **4**
  19. Write a note on stages of e-governance.
  20. a) How does the IT Act, 2000 handle cyber related offenses ? Explain. **6**
  - b) List the advantages of Social Media. **4**
  21. Write a note on the following :
    - a) Cryptography **5**
    - b) Cyber Security. **5**
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