



PG – 675

III Semester M.C.A. (Two Years Course) Examination, March/April 2025
(CBCS Scheme) (2021-22)
COMPUTER SCIENCE
Cyber Space (Open Elective)

Time : 3 Hours

Max. Marks : 70

- Instructions :** 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. Write a note on LAN, MAN and WAN.
2. What is the protocol with respect to computers ? Give two examples of protocols.
3. What is URL ?
4. Define the term ERP.
5. Mention six B2C e-commerce portals/websites.
6. Define the term e-governance.
7. What is Cyber Terrorism ?
8. What is a digital signature ?
9. Assuming a person buys a stolen computer, how is he/she liable for punishment under the IT Act, 2000/8 ? Why do we need to be careful in buying used computer resources ?
10. Which section deals with identity theft ? What is the maximum punishment provided for identity theft ?

P.T.O.



PART– B

Answer **any four** questions. **Each** question carries **5** marks.

(4×5=20)

11. Write an HTML code to create a table with three rows and three columns.
12. What is DNS ? Explain the role of the DNS server.
13. Discuss the advantages and disadvantages of social media.
14. Differentiate between traditional commerce and e-commerce.
15. What are the issues and challenges of e-governance ?
16. Explain Section 65 of IT Act, 2000.

PART– C

Answer **any three** questions. **Each** question carries **10** marks.

(3×10=30)

17. a) Explain the components of a search engine.
b) Explain the types of e-commerce market models.
18. a) List the impacts of e-commerce on business.
b) The government of the Union and Karnataka have introduced many direct funds transfer schemes. What are the objectives of direct money transfer schemes ? Mention some direct money transfer schemes of the Union and the State and discuss.
19. What are the various stages of e-governance ? Discuss each stage with a case study.
20. a) What is the purpose of e-governance ? Explain the e-governance building blocks.
b) Explain IT Act, 2000. What are the salient features of IT Act ?
21. Write a short note on :
 - a) Digital Signature
 - b) Cyber Appellate Tribunal.