



III Semester M.Sc. (Computer Science) Degree Examination, April/May 2022
(CBCS)

COMPUTER SCIENCE
MSC304 : 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. Define the term ERP.
2. Expand LAN and MAN.
3. Routing.
4. What is the difference between hyperlink and hypertext ?
5. What is encryption ?
6. Malware.
7. Define the term e-Commerce.
8. What is social media ?
9. What is phishing ?
10. Cyber terrorism.

PART – B

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

11. Explain text alignment tags in html with suitable example.
12. What are the functions of the controller of certifying Authorities as per the Information Technology Act 2000 ?



13. Explain the architecture of a web browser.
14. Explain the stages of e-Governance in detail.
15. What is IP Address ? Explain the classes of IP address.
16. Explain the basic features of HTTP.

PART – C

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

17. a) Explain the components of search engine. 5
b) Explain the various driving forces being e-commerce. 5
 18. What are the working strategies of e-Governance in order to provide an efficient service to the society ? Explain.
 19. a) Explain the working of e-mail with an example. 5
b) What are the provisions of IT Act 2000 for Cyber related offences ?
Explain. 5
 20. Discuss the various e-Commerce models.
 21. Write a short note on the following : **(4+4+2)**
 - a) DNS.
 - b) Cryptography.
 - c) Spamming.
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