



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 2008?



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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