



PJ – 472

III Semester P.G. Examination, January 2019  
(CBCS)  
**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. What are the basic services of internet ?
2. What is HTTP ? Expand ARPANET.
3. Define the term web browser.
4. What is E-Mail ? Expand IMAP.
5. Define the term E-Commerce.
6. What are the issues in implementing E-Commerce ?
7. Define the term E-Governance.
8. What is digital repository ?
9. Which section deals with identity theft ? What is the maximum punishment provided for identity theft ?
10. What is cyber security ?

PART – B

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

11. Explain the methods of HTTP in detail.
12. Explain the architecture of search engine.

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13. Differentiate between traditional commerce and E-Commerce.
14. List and explain about the incentives for engaging in E-Commerce.
15. Explain the stages of E-Governance in detail.
16. What are the various regulations provided for certifying authorities as per the Information Technology Act, 2000 ?

PART – C

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

17. a) Explain the various classes of IP Address. 6
- b) Write a short note on Facebook. 4
18. a) Explain the following HTML tags with example. 6  
<UL>, <MARQUEE> and <P>
- b) Write a short note DNS. 4
19. a) Explain the models of E-Commerce in detail. 6
- b) Write a short note on applications of E-Commerce. 4
20. a) Discuss the various concerns of E-Governance in detail. 5
- b) Discuss the implementation strategies of E-Governance with suitable case study. 5
21. a) Explain digital signature under the Information Technology Act, 2000. 5
- b) Explain Section 58 of IT Act, 2000. 5