

PARUL UNIVERSITY
Faculty of IT & Computer Science
Department of Computer Application
SYLLABUS FOR 4th Sem B.Sc. (IT), BCA, IMCA (A.Y.-IV) PROGRAMME

Cyber Security (05101386)

Assignment-1

1. What is Cyber Security and explain with CAI model?
2. Explain types of Attacks with example.
3. Explain Variabilities and Threats.
4. Explain System Security, Operating System Security and Network Security with its goal.
5. Why is cybersecurity asset management important?
6. List five tools of Cyber Security. Explain any three in details.
7. Explain Data Breaches with example.
8. Explain Network Packet Sniffer.

Notes:

Last Date of Submission of Assignment is 18th December 2021.

Submit your assignment in both ways:

1. **Hardcopy in your handwritten form**
2. **Softcopy in Google Classroom**