

Website :- <https://www.arjun00.com.np>

Council for Technical Education and Vocational Training
Office of the Controller of Examinations
Sanothimi, Bhaktapur

Regular/Back Exam-2079, Bhadra/Ashwin

Program: Diploma in Computer Engineering **Full Marks: 40**
Year/Part: III/I (2018 New Course) **Pass Marks: 16**
Subject: Cyber Security & Professional Ethics **Time: 1 $\frac{1}{2}$ hrs**

*Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.*

Attempt Any Four questions.

1. a) Define cyber Security. Briefly explain about the different techniques used by a hacker. [5]
b) Define Firewall. Explain in brief about its types. [5]
2. a) Explain why SSL is required in an e-commerce website? [5]
b) Define Digital Signature? Explain types of Cryptography. [5]
3. a) Write about cyber law in Nepal. [5]
b) Define Security Policy. Explain brief about its importance. [5]
4. a) Define Ethical dissent and whistle-blowing? Explain the role of the professional in public policy. [5]
b) What is code of ethics? How to deal with harassment and discrimination in Nepal? [5]
5. Write short notes on : (Any Two) [2x5=10]
 - a) Software risk
 - b) Risk assessment and management
 - c) Intellectual Property Right
 - d) Intrusion Detection

Good Luck !

Website :- <https://www.arjun00.com.np>