

TED (15) – 5136
(REVISION – 2015)

Reg. No.
Signature

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE — OCTOBER, 2017

INFORMATION SECURITY

[Time : 3 hours

(Maximum marks : 100)

PART — A

(Maximum marks : 10)

Marks

I Answer *all* questions in one or two sentences. Each question carries 2 marks.

1. Define the term Integrity.
2. What is digital signature.
3. Define User Authentication.
4. List any four classes of intruders.
5. Define firewall.

(5 × 2 = 10)

PART — B

(Maximum marks : 30)

II Answer any *five* of the following questions. Each question carries 6 marks.

1. Describe implementation step computer security strategy.
2. Illustrate the password attack strategies.
3. Explain the physical characteristics used in biometric authentication.
4. Describe honey pots.
5. Explain any four characteristics of root kit.
6. Discuss about source address spoofing.
7. Discuss about bastion host.

(5 × 6 = 30)