

No. of Printed Pages : 2

MSEI-021

**MASTER OF SCIENCE
(INFORMATION SECURITY)/P. G.
DIPLOMA IN INFORMATION
SECURITY (MSCIS/PGDIS)
Term-End Examination
December, 2024**

**MSEI-021 : INTRODUCTION TO INFORMATION
SECURITY**

Time : 2 Hours

Maximum Marks : 50

Note : *Question No. 1 is compulsory. Attempt any
three questions from the rest.*

1. Differentiate between the following in brief :

4×5=20

- (a) Network firewall and Web application firewall
- (b) Cyber Security and Information Security
- (c) Digital Certificate and Digital Signatures
- (d) Denial of Service (DoS) and Distributed Denial of Service (DDoS)

[2]

2. Explain CIA Triad in information security.
Explain the relationship and interdependency
in the CIA. 10
3. Discuss in detail the various kinds of cyber
attacks. 10
4. Explain the working of cookies. How are these
exploited to perform cyber attacks ? 10
5. An organisation realises that they are under
cyber attack (DoS attack). What immediate
steps need to be taken by their IT team as first
responder ? 10

× × × × × × ×