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MSEI-021

**MASTER OF SCIENCE
(INFORMATION SECURITY)/
P. G. DIPLOMA IN INFORMATION
SECURITY
(MSCIS/PGDIS)**

Term-End Examination

June, 2023

**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. (a) What is Cryptography ? Why is it important ? 5
- (b) Explain Network Management Architecture. 5
- (c) Explain OSI model with a diagram. 5

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- (d) What are the *two* methods for computing passwords ? 5
2. Explain *four* primary classes of threats to network security. Explain the difference between DOS and DDOS attacks. 10
3. What is SNMP management framework ? Also define its basic components. 10
4. It is the duty of the business officials and employees to keep certain business and personal information confidential. Suggest the different steps to be taken for maintaining confidentiality in any organization. 10
5. Write short notes on the following : 5+5
- (a) File Server
- (b) Firewall

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