

**MASTER OF SCIENCE
(INFORMATION SECURITY)/
P. G. DIPLOMA IN INFORMATION
SECURITY (MSCIS/PGDIS)
Term-End Examination
June, 2026**

MSEI-022 : NETWORK SECURITY

Time : 2 Hours

Maximum Marks : 50

Note : (i) *Question No. 1 is compulsory.*

(ii) *Attempt any **three** from rest four questions.*

1. Explain in brief : 4×5=20
- (a) Secure shell (SSH)
 - (b) Honey pot in network security
 - (c) Secure File Transfer Protocol (SFTP)
 - (d) Next generation encryption (Quantum)

Note : Attempt any **three** out of following four questions.

2. Discuss the concept of zero trust architecture and its impact on network security. 10
3. Evaluate the significance of Network Access Control (NAC) in enforcing security policies. 10
4. Discuss the role of encryption in securing network communications. 10
5. Explain security challenges associated with Internet of Things (IoT) devices in a network. 10

× × × × ×