

**MASTER OF SCIENCE
(INFORMATION SECURITY)/
P. G. DIPLOMA IN INFORMATION
SECURITY (MSCIS/PGDIS)
Term-End Examination
June, 2025**

MSEI-022 : NETWORK SECURITY

Time : 2 Hours

Maximum Marks : 50

Note : *Question No. 1 is compulsory. Attempt any **three** questions from Q. No. 2 to Q. No. 5.*

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1. Explain the following in brief in context of network security : 4×5=20
 - (a) Access control lists
 - (b) PGP
 - (c) Integrity
 - (d) WPA

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2. Explain various biometric technologies, their characteristics and usage. 10
3. Explain honeypots and its various types. Explain the advantages and disadvantages of honeypots. 10
4. Differentiate between the following : $5 \times 2 = 10$
 - (a) Symmetric Key Cryptography *vs.* PKI
 - (b) WAN *vs.* VPN
5. Explain the following with the help of an example of each : $5 \times 2 = 10$
 - (a) Physical security
 - (b) Application security
 - (c) Data carving
 - (d) Data cloning

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