

M.Sc. DEGREE EXAMINATION, EVEN SEMESTER 2021
II Year III Semester
Cryptography and Network Security

Max.marks :25

Answer any **FIVE** questions ($5 \times 5 = 25$) Marks

1. Explain in detail about the conventional encryption model.
2. Compare substitution and transposition ciphers with appropriate examples.
3. Analyze the major differences between DES and AES algorithms.
4. Discuss about the Chinese Remainder theorem with an example.
5. Elaborate on Public key cryptography using RSA.
6. What is Diffie Hellman Key Exchange ? Explain.
7. Explain the Secure Hash Algorithm.