



Regulation R17

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A' Grade)

Subject code: 1E5FE

B.Tech III Year I Semester Supplementary Examinations, January 2023

INFORMATION SECURITY

(INFORMATION TECHNOLOGY)

Maximum Marks: 70

Duration: 3 hours

- Note:
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 Write a short notes on Access Control
- 2 Explain passive attacks
- 3 What are the basics of INTERNET services
- 4 What is Linear cryptanalysts attack
- 5 Write a short notes on DES ALGORITHM
- 6 What are the advantages of using public key cryptography
- 7 Discuss about work flow of two way Authentication
- 8 Write a short notes on X.509
- 9 Explain Intrusion Techniques
- 10 Write a short notes on Threats to Security

Part-B

Answer All the following questions.

(10M X 5=50Marks)

- 11 What are the factors involved in designing a network security
OR
10M
- 12 Make a clear differences between transposition and substitution techniques with examples
10M
- 13 What is Security Association (SA)? Explain?
OR
10M
- 14 Explain Authentication header with an neat diagram
10M
- 15 Explain about Web threats and their counter measures
OR
10M
- 16 What is SSL? Explain the features of SSL.
10M
- 17 Write an description on distributed network management
OR
10M
- 18 What are the Key elements of SNMP? Explain.
10M
- 19 What are the various password selection process ? Explain in detail.
OR
10M
- 20 Explain INTRUSION detection Schemes.
10M

