

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Sc.Comp Sci - END SEMESTER EXAMINATIONS APRIL - 2024

SEMESTER - VI

22UCSET6CG2 - Cryptography

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Explain the various types of security attacks in Cryptography.
2. Illustrate the types of security services in Cryptography.
3. Classify the types of Substitution techniques.
4. Describe the concept of Stenography.
5. Predict the strength of DES.
6. Apply the concept of selection strategies in choosing an efficient password along the network.
7. Categorize the types of malicious software.
8. Determine the concept of DMZ networks.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Explain the OSI security architecture with neat sketch.
10. Relate the Mono alphabetic cipher with Poly alphabetic cipher.
11. Examine the working of RSA algorithm with suitable example.
12. Compare and contrast the various intrusion detection techniques.
13. Evaluate the usage of various types of Firewalls.
