

**B.Sc. Semester - VI Examination, 2023-24**

**COMPUTER SCIENCE (Honours)**

**Course ID : 61526      Course Code : SH/CSC/603/DSE-3**

**Course Title : Information Security (Practical)**

**Time: 2 Hour**

**Full Marks : 15**

*The figures in the right-hand margin indicate marks.*

*The Questions are of equal value.*

*(LNB+VIVA = 5, Experiment = 10)*

**Perform any one experiment:**

**10 × 1 = 10**

- ✓ 1. Perform encryption and decryption of Caesar cipher.
2. Perform encryption and decryption of a Rail fence cipher.
3. Use Password cracking tool 'John the Ripper' to verify the strength of a password of your own choice.
4. WAP to implement each round of Feistel Cipher.
5. WAP to implement a Compression P-Box of your own choice.