BANKURA UNIVERSITY

B. Sc. (HONOURS) SIXTH SEMESTER EXAMINATIONS, 2022

Subject: Computer Science   Course ID: 61526

Course Code: SH/CSC/603/DSE-3

Course Title: Information Security (Practical)

Full Marks: 15   Time: 2Hrs.

The figures in the margin indicate full marks

Problem = 10 marks & (LNB + Viva) = 05 marks

1. **Answer *any one* of the following questions:**   **(1× 10=10)**

    a. **WAP to encrypt a message using Ceaser cipher.**

    b. **WAP to decrypt a message using Ceaser cipher.**

    c. **WAP to encrypt a message using Rail fence cipher.**

    d. **WAP to decrypt a message using Rail fence cipher.**

    e. **WAP to encrypt the message "Information Security" using the P-box as given**

       below. Consider blank as a character also.

5	3	4	1	2

    f. **Use the password cracking tool Ophcrack to verify strength of a password.**

    g. **Demonstrate how to send a protected worksheet.**

    h. **Demonstrate sending of a digitally signed document.**

Signature of Moderators_____

Date _____