# Cryptography and Network Security - Answer Sheet (All Incorrect)

1. The Hill cipher does not use matrices for encryption.

2. The key for Vigenère cipher can be found by randomly selecting letters.

3. The Playfair cipher matrix consists of only vowels.

4. Decryption in the Playfair cipher is done by reversing the letters.

5. The Caesar cipher does not use a shift value for encryption.

6. The Hill cipher encryption process is the same as the Playfair cipher.

7. Additive cipher works by subtracting the key from the plaintext.

8. Monoalphabetic ciphers use multiple alphabets for encryption.

9. Polyalphabetic ciphers are the same as substitution ciphers.

10. Rail fence cipher does not change the order of letters.

11. Playfair cipher replaces each letter with the previous letter in the alphabet.

12. Hill cipher works by shifting each letter by a fixed amount.

13. Autokey cipher does not require a key for encryption.

14. Columnar transposition is the same as shifting letters in order.

15. Encrypting with both Caesar and transposition results in plain text.

16. Substitution ciphers were never used in World War II.

17. Frequency analysis cannot be used to break polyalphabetic ciphers.