**Assignment no 2**

**DATA ENCRYPTION TECHNIQUES AND STANDARDS**

Q.1 Describe various methods of substitution cipher.

Q.2 What is the difference between block and stream cipher? Also explain various modes of

operation Of block cipher.

Q.3 Write note on feistel cipher.

Q. 4 Explain working of DES algorithm.

Q.5 With the help of block diagram, explain the AES encryption and decryption process in detail.

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| Q.6 Using the following playfair matrix encrypt this message. |

“Must see you over Cadogan West. Coming at once.”

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| M | F | H | I/J | K |
| U | N | O | P | Q |
| z | V | W | X | Y |
| E | L | A | R | G |
| D | S | T | B | C |