

1. The following message "**01111110010**" is transmitted using a data link that applies the hamming coding technique with single bit correction and even parity check. During the transmission , one of the message bits is modified. Write down the bit stream after correction. ■ ■ ■

Sol: 01111110011

2. A stream of data in hexadecimal is (**E3F72A**) is transmitted in a network after computing the checksum using the checksum technique with words of size 8 bits. Show the final transmitted message .

Sol: E3F72AF9