CS 2123: DATA STRUCTURES Fall 2025

Group 14

Assignment 3:  Group

Part –I : Huffman Encoding

b)

| Approach (Greedy) | | | |
|---|---|---|---|
| Char | Freq | Code | Total |
| A | 6 | 11 | 12 |
| B | 2 | 000 | 6 |
| C | 2 | 011 | 6 |
| D | 2 | 001 | 6 |
| E | 2 | 010 | 6 |
| F | 5 | 10 | 10 |
| Total bits to transmit | | | 46 |