**Chapter-2 (Practice Question Lecture-5)**

1. Express each decimal number in binary as an 8-bit sign-magnitude number:
2. -85 (b) +100
3. Express each decimal number as an 8-bit number in the 1’s complement form:
4. - 34 (b) +115
5. Express each decimal number as an 8-bit number in the 2’s complement form:
6. -68 (b) +101
7. Determine the decimal value of each signed binary number in the sign-magnitude form:
8. 10011001 (b) 01110100
9. Determine the decimal value of each signed binary number in the 1’s complement form:
10. 10011001 (b) 01110100
11. Determine the decimal value of each signed binary number in the 2’s complement form:

(a) 10111111 (b) 01110100