Assignment -1

What is the decimal value of a) 10111110010000000 b) 010000010010011000 in Single Precision Float?

1. Convert -0.8125 to binary in single and double precision.
2. With the help of a flowchart, illustrate the Non-restoring division method for Unsigned Integer 11/3.
3. Design a 2\*3 array multiplier.
4. Illustrate the combined input/output interface circuit for a parallel port.
5. With the help of an example, explain Distributed Arbitration scheme.