**Unit 13.3 : Floating Point Number Representation and Manipulation**

Homework: Week 9 (6 March 2023 to 12 March 2023)

1) What is the largest positive and smallest magnitude number which can be stored in a computer using 10-bit mantissa and 6-bit exponent.

[5 Marks]

1. A computer uses 32 bits to store the mantissa and exponent. Discuss the precision and range of numbers which can be stored in this computer.

[5 Marks]