

Floating Point Numbers
EXERCISE

Using 16 bits, what is the binary representation of the following numbers using :-

- a) Fixed Point - 11 bits Integer (unsigned)
5 bits fraction
- b) Floating point - 11 bits Significand (unsigned)
5 bits Exponent (2's complement form)

- 1) 1030
- 2) 1.5
- 3) 256.5
- 4) 0.0625