

## **Practise Questions**

Design the following using Behaviour Style of Coding.

1. XOR gate.
2. Priority encoder (16 x 4).
3. A 8 bit magnitude comparator. After this modify the code so that it works for any number of bits i.e. 4, 9, 12 etc.

Design the following using any coding style

4. Negative Edge triggered D Flip Flop using Multiplexer.
5. T- Flip Flop using D Flip Flop.