Experiment – 3

Answer all the Questions in brief with some appropriate examples.

1) What is the time period of a wave with a frequency of 250 Hz?

2) What is the time period and frequency of a LED which blinks 120 times in 2 minutes?

3) What is the frequency of a wave that oscillates 25 times in 5 seconds?

4) What are counters used for?

5) What is a binary counter?

6) What are uses of binary counters?

7) What are the types of counters?

8) How 4-bit counter works?

1