# Microcontroller Solutions

23.That's because Stack works on the concept of LIFO so if the push is implied 2 times for instance, then pop must be used 2 times exactly.

#### Section 3.3:-

- 27. T = 1.2usec F = 1/T = 833.333KHz System frequency = 833.333KHz\*12 = 10MHz
- 28. F = 18MHz F =18MHZ/12 =1.5MHz T = 1/F =1/1.5MHz T = 0.666usec
- 29. F = 12MHz F = 12MHZ/12 = 1MHz T = 1/F = 1/1.5MHz T = 1usec
- 30. F = 25MHz F = 25MHZ/12 = 2.08MHz T = 1/F = 1/2.08MHz T = 0.48usec
- 32. F = 11.0592MHz F =11.0592MHZ/12 = 921.6KHz T = 1/F = 1/921.6KHZ T = 1.085usec

# **Lab Manual For 8051 Microcontroller**

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