

MCA Ist Semester

MCA-104 Computer System & Architecture

1. Describe all the addressing modes with suitable examples.
marks

5

2. What is CPU Organization and describe the various CPU organizations with examples and suitable micro operations in brief. 5 marks

3. Show the working of priority encoder.
marks

5

4. Design and realize mod-6 synchronous counter for the following switching sequence using J-K flip flop

0,2,5,7,3,1.

5 marks