Quiz # 1 Theory of Automata and Formal Languages

Total Marks: 30

Course Code: CS-3131

Q1: Design a DFA for the regular expression (11+110)*0[5]Q2: Provide a regular expression for the language of all strings with odd number of 1s[5]where the $\Sigma = \{0,1\}$.[5]Q3: If L1= {a,ab} and L2= {ab} and their respective DFAs are given as follows then find[5]the union, intersection and complement for the both the languages. Separate DFAs should[10]



