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**MATRIC NO: 17/SCI01/072**

31)

 Finite automata is an abstract computing device. It is a mathematical model of a system with

 Discrete (inputs, outputs, states and set of transitions) from state to state that occurs on input

 Symbols from alphabet ∑

 It can be represented in 3 forms; -Graphical (Transition Diagrams of transition table)

 -Tabula (Transition table)

 -Mathematical (Transition function of mapping function)

32 – 34)



35 – 38)

