V. UML STATE TRANSITION DIAGRAM
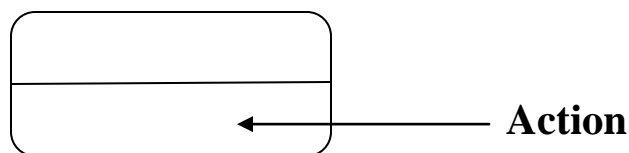
- It is type of dynamic modeling

- It describes the behavioral(functional) aspects of a system

ELEMENTS OF STATE TRANSITION DIAGRAM

1. STATE

- It represents a set of actions

- It represents an initial and final state

- It has two components

- 1st component holds the state name (it is on optional)

- 2nd component represents the actions of a system

SYMBOL

Action

2. TRANSITION

- Moving control from one state to another state based on event

- It purely depends on event

- Without events, transition is not possible

3. EVENT

- Certain action in state transition diagram

V. EXAMPLES OF STATE TRANSITION

1. TRAIN SIGNAL: