Dispatch

Enter

Not Running

Running

Exit

Pause

(a) State transition diagram

Queue

Enter

Dispatch

Processor

Exit

Pause
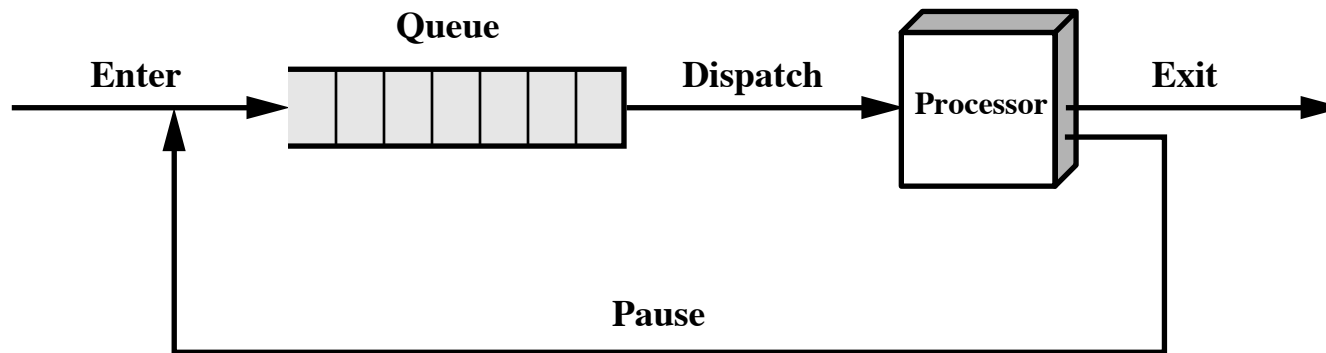
(b) Queuing diagram

Figure 3.5   Two-State Process Model