

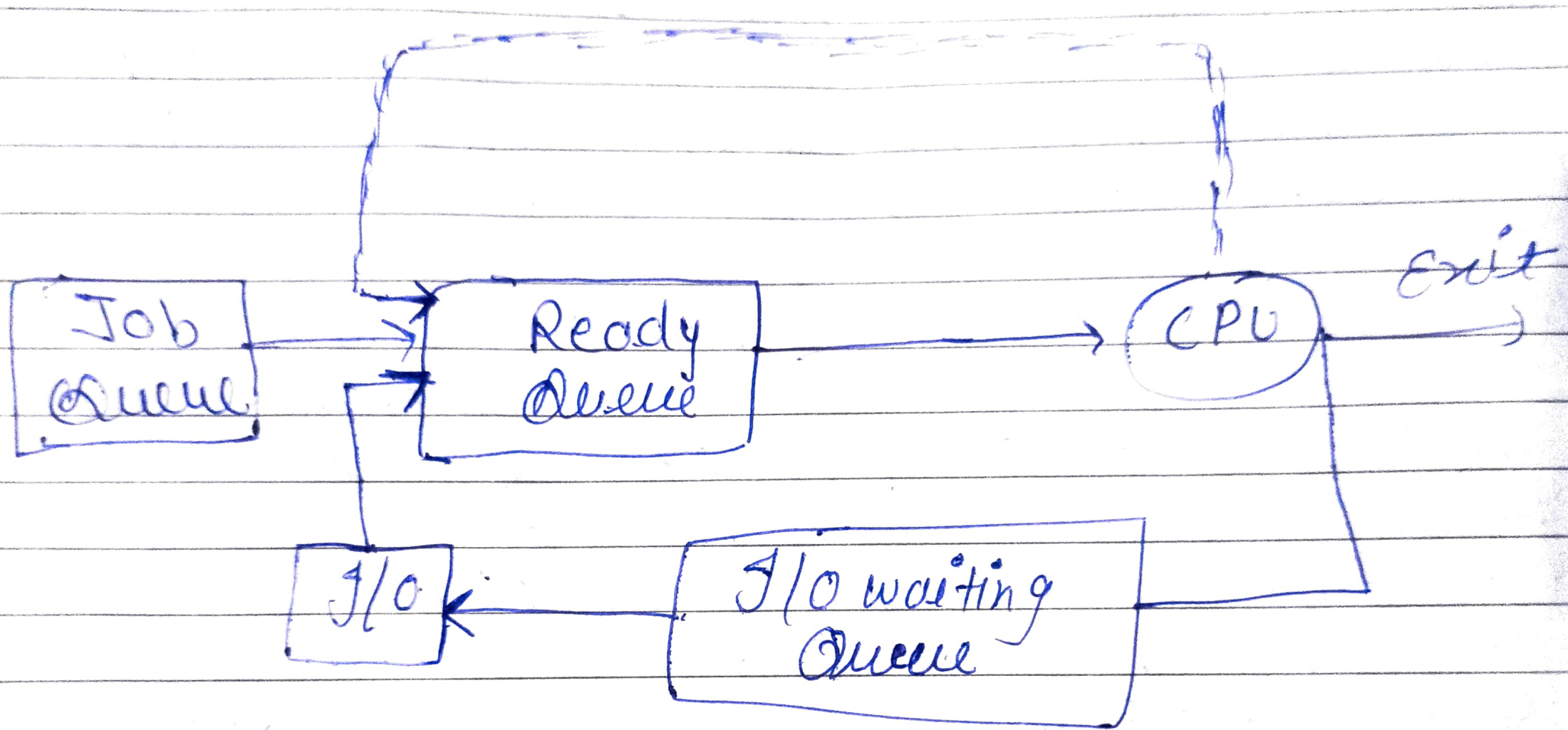
Q.2 Define Real time O/S. Define Process scheduling with diagram. Define the term memory management?

Ans Real time O/S \Rightarrow A Real time O/S is an operating system

Intended for real time application. such operating system serve application request nearly real time. A Real time O/S offers programmers more control over process priorities. An application's process priority level may exceed that of a system process. Real time O/S minimize critical section of system code. A real time O/S has an advanced algorithm for scheduling flexibility.

* Process scheduling \Rightarrow Process scheduling \geq \equiv \equiv is the method by which threads processes or data flows are given access to system resources. This is usually done to load balance a system effectively for achieved a target quality of service. The need for a scheduling algorithm arises at a time for the requirement for most modern system to perform multitasking.

(eg) processor time, communication bandwidth.



Process scheduling

* Term memory management => The term
for the free encyclopedia. In O/S
memory management is the function
responsible for managing the computer
primary memory. The memory management
function keeps track of the status of
each memory location, either allocated
or free.