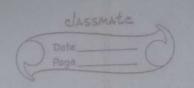
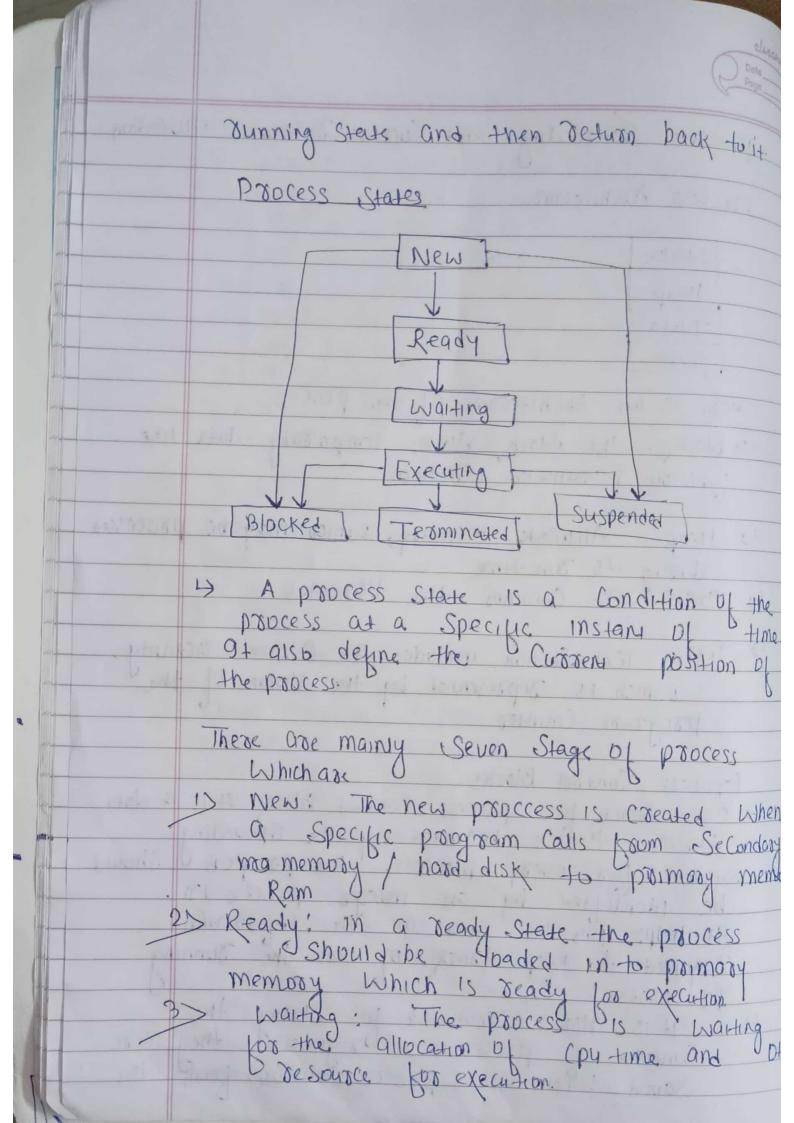
Process Management Process 5003 0210 13063X DEDUT 1) process is the execution of a program that perform the action specified in that program 97 Can be defined as an execution unit Where a program runs, The Us helps you to create, Schedule and terminate the process which is used by apr. A process Created by the main process is called a child process 1) process operation can be easily Controlle with the help of PCB (process controll block). we can consider it as the brain of the process, which contain all the county information delated to processing like processid, property Star, cp4 Degisted etc. process management Like Coeation Scheduling termination of processes and a dead lock. process is a program that is under execution which is an important part of modern-day must allocate resource that enable processe protect the resource of each process
poom other methods by and allow Synchron 12 ation among process.

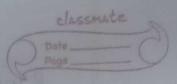
Synchron 12 ation among process.

Sunning processes by the System. It handles operation by performing task like



| process : | Scheduling and Such os | resource allocation |
|--|------------------------|---------------------|
| | 0 | |
| Process A | schitectuse make | Stack MAX |
| Stack | | TACK |
| Heap | 217/1 | |
| Data | V , | Heap |
| Text | Ready 1 | Data |
| | 100 h 11 01 101 101 11 | Text |
| Hede, is an Architecture of the process | | |
| 4 Stack - | the Stack Stones tem | portary data like |
| | Dagameter, Jetusn | |
| 4) Heap Allocate memory, which may be processed | | |
| Cursing 15 oun time | | |
| 4) Data: 9+ Contains the Variables | | |
| Text: Taxi Colons modudos un Oscario occi. | | |
| Which is Depresented by the Value of the | | |
| program Counter. | | |
| There are marry eserce stage of process | | |
| Process Control Blocks | | |
| 4) PCB Stands for process Control Block. 9t is a data | | |
| Structure that is mainted by the operating | | |
| System for every process. The po pcb Should | | |
| 9+ helps you to Store all the Information | | |
| required to keep track of all the dunning | | |
| be identified by an integer process ID. 9th helps you to Store all the information required to keep track of all the dunning processes. | | |
| 1) 97 15 9150 accountable of Horizon the | | |
| Saved When the process move from the | | |
| Saved | when the pours | Book the |





Executing: The process is an execution state Blocked: 9tis atime interval when a process is waiting got an event like 1/6 operation to Complete. Suspended: Suspended State define the time when a process is ready for execution but has not pel been placed In the Deady queue by bs. Terminated: Terminated State has specific the time when a pancess is terminated ANTHORNE SHE WITH OF WILL ENGLIS THE PROCESS CONTROL Block (PCB) (PATH 2). in diele source of their dies of their die 4) Every process is depresented in the operating System by a process control block which is also couled task control block. Here are Important Component DI PCB 1> Process State 2) Program Country 3) CPU degister 4) Cpu Scheduling Information
5) Accounting and Business Information 5 memory managment stp information 7> 1/0 Steels in comadian