rought short given an eabily as sixes No The land OPERATING SYSTEM (CS-205) Mid-1, Fall 2016 Tomas Street er 21, July Marks 50 Cabo Says Roll 1.13 5 8 49 SECTION Interactional: There is no need for a reparate appear over. Ever answer should be concate enough to take pain the specie green to me. You can sek for a sheet for rough work, where you can be a mine the annex second a questions count, but only wrone on this sheet when you seek there. Cutting on this sheet will enduce your marks Question 1 (5 points): Los down the four learns of a computer system a cloudy of aleys 1 handoms 2 application programs Question 2.15 potatals. We know that it is hard to define the boundaries of so Oversony System. Sub. there are few components of an operating system which are extend to one a computer hardware properly. You are required to tau three there components. (Hore, think about the microticesel.) Arrest - we 2 Application dufine Question 3 (10 points): What happens where a not present a key on the keybourg? Littlife dego which take the key code from the bandware (keyboard) and hand it over to the application. Each step you write here, you must mercoon one composent of the Operating System responsible for completing this action person the ky rade to keybrand higher (down) that cake from hopper to many (typical life) generalis interrupt (sugment connected) for (Pil to stime the realine (denote) come goods who which introduct valor lake (picks the address of the keyboard voiding his . decries the contine (con) · pouce the boyale to application (sum and . goes back to the next industry type executed o Page 146 Department of Computer Science National University of Computer & Emerging Sciences, Labore

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Date Separation 21, 2006

Question with pointers. Therefore place the difference between a program and a point Dogram is possive as it resident secondary wherego and wan he accessed sum when cold is rebooted whice as Process is active unity as it resides in gry the formers executed in and fore in opposite

other relatives

Question 5.13 points: Defect 'dispose's tierrer'. What is the effect of actionshing algorithm on "dispose's laterty". Can a scheduling algorithm accesses or describe highward taking s'?

dispatch lateray it is havinly the time to semine one process and load mother greates Not disposted takency is offerted by ackedding algorithms as multiple processes are hely removed and loaded It december disposite laterage

Question 6 (10 points): List the wept involved in twicking two processes.

- · dates the state of the previous process in DCB.
- · adjuste the resures to a process i exmung) at
- · broughthe freezes to the main named (Ann)
- exercises the process from money of the execution
- greate the sound state of previous process;

 security the process
- exchange the state.

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