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| Past papers | Omar |
| Q tor f  109 | Quizzes  T or F  Devices, virtualization  File systems 3 final topics |
| Communication | Make-up |
| Q2 forking/Pipes | Coding,  Code given ,  Pipes and forking in it  Final result and explaination  Forking, how do you know it is in child process  Pipes: how do you transfer data in pipes  Func dup2->>>>> equals two file descriptors |
| Mutex | Time issue  Practice, semaphores, patterns counting/binary/ double barriers  We wrote code for all semaphore –cheat sheet  Counting semphores-> fuel pump. N no of fuel pumps on petrol station,ik pump n=3  3 pumps full, cannot enter pump  Later it has now has to go to cashier, 1 cust to cashier, 2 mutextes,,, in one funch cahsier and pump mutex  Function body.. truck foes to pump, pump should be empty->  Truck has to wait for all cars to go out |
| Cheat sheet-of slides entirely |  |
| Q3 | Free marks 10 marks resource allocation graph  Allocation matrix, need matrix, and tell initial resources  b) step by setp if processes related , deadlock, banker algorithm |
| Q6 | Page replacement alor optimal least processing time, FIFO  Waiting time for each  Page faults in each algorithm |
| Q7 | Page replacement algorithm –beledy optimal algorithm RR, sfs ,,, write algor engaging, avg time, |
| Q8 | OS slides, Os notes-> file systems-slides-> new lecture notes  EOF file systems, inodes, dnodes, how do you replace them, add a new folder, where does folder gets declared on nodes  Block represents data nodes and index nodes 18 marks format same of [notes, exam]]] |
| Q9 | Ask  Connections /last year exam |

**Os**

DBWS

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| 74 marks | Assessing how well did you his reads  Buzzwords- keyword- explanation- |
|  | What are 4 wheels of the big data [Velocity, ….. |
|  | Sql test- 3different purposes  Nested queries  Single nested  CD exam  Html,sql php combined url, ur bar flight number,,,, lh400 associated number of available seats, print screen  Sql search query count- aggregate function, count  Parse data field string, extract lh400 from url bar, POST stamp for url bar |
|  | B-tree  Lack of time, got stuck at one question |
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