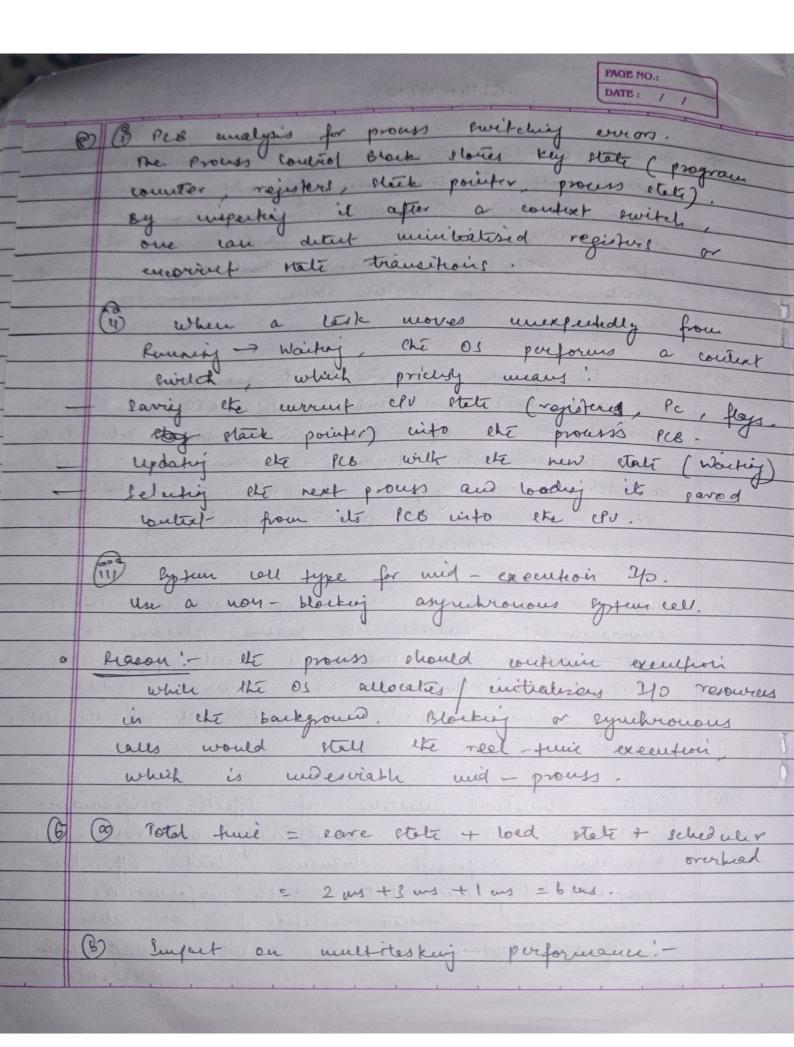
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## ASSIGNMENT-1

| (A)         | The state of the s |
|-------------|--|
| -1"-1       | Au Ds provides essential abstraction and resource  |
|             | management prished menony, els scheduling  |
|             | device duries) so applierious can se porteble  |
|             | and hardware changes are madeh. it was   |
|             | enforces prokerpori, isolation and explen services   |
|             | while raw hardware alove carrot supply   |
| -83         | reliably construction  |
| 4           | at I made the second of the se |
| 2           | Best 01 for a waveable heart monitor   |
| , s. s. j.  | A small Red-Truic Embedded Os (RTOS) is most   |
|             | mitable - it offers deferministe lask scheduling -   |
| pistoria    | low latercy for interrupt - driven sensor reads,   |
| 12 -        | a fing nemony ( Chu footprut and strong  |
| -           | power - management fealuris required for battery -   |
|             | operated warables.   |
|             | - its de adoption were the most of - and 1 21 welfer of 1111   |
| 3           | Avoid a mirro kernel for a performance - virtual   |
| Kompanya (  | enter-process communication and frequent   |
| · 大代        | enter-process communication and frequent.  |
| arigig: St  | context- ewitches for basic services adds  |
| 203.        | latercy and overhead compand with a monothing.   |
|             | Makerul, Sizel. Jast 14 1172 Gladen May  |
|             | in the second of the second by a complete second of the se |
| Ø           | Relit charter malter : if affelt performance,  |
| The sale    | neability security, maintability and real - time   |
| by a long   | neisibility security, maintability and real - time behaviour. Different structure brade off there properties (of monolithie -> high performance, minoternal -> better notation), so choice emparts bytem correctues and non-functional   |
|             | projecties (of monolettic > high performance,  |
|             | minoternel - better violation), so charie  |
|             | emparts Pystein correctuess and non-functional   |
| Batteria VI |  |



|                   | PAGE NO.:  |
|-------------------|--|
|                   |  |
|                   | carried do naglil work. Frequent suritability  |
| The state of      | malue work from that   |
|                   | The state of the s |
| to he was         | for running best and can degrade sect  real-finis responsivereds — so explans and  for minimin unnessan wontrat contrat  |
|                   | The state of the s |
| the word          | to minimin unneassay writest switches  |
| 2000              | or make them chiap.  |
| (7)               |  |
| C-1- 15-04        | Treat Purch - philips  |
| a constitution of | Proceds por process = 2 (odel scaling)   |
|                   |  |
| الم الدائمة ا     | Estuiale: will perfect paralleles in   |
| 15-               | exempori funi = 40 0/2 = 201   |
|                   | (ory)  |
|                   | allow gareled execution (on multiple   |
|                   | end overlap of you work with you or  |
|                   | end overlop of you work with 210 or waiting, emproving or utilization and  |
| 132 × 11          | reducing overale completion tuic.  |
| 45                | ि क्षित्रहर्षक्षेत्रभूते । अस्तिकालना विक्रिक्त क्षित्रका । विक्रिक्त विक्रिक्त । विक्रिक्ति ।   |
| 8                 | Gant Course eto)!  |
| •                 | FCF3: B1 (0-5) P2 [5-8) P3 [8-14] P4 (16-22)   |
| ٥                 | 85F (non-preconttrie): P2 (0-3) 81 3-87 P4   8-14) P3 (14-22)  |
| ilesson           | money of winds trains the second   |
|                   | Average waitaj / turnavourd:   |
| o                 | fets, by warry =7.25 mg, they turnovered = 12.75 mg.   |
|                   | ORE, Are weiting = 6.27 ms, Are turnariound 211.75 ms.   |
|                   | RR(q=4): Ary waiting = 10.75 ms, Ary turnaround = 16.75 ms.  |
| -4 د د د د د      | last marketing the form the second of the second   |
|                   | 2 2 2 land - LIF - lowest any waiting and  |
| EVE :             | though ( period for their gold), though it here  |
|                   | burst estimates and may stare long jobs:   |
|                   |  |

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| - 1,    | DATE: / /  |             |
|---------|--|-------------|
| 99      | (1) cloud nugrations.  | =           |
|         | The state of the s |             |
| (a)     | A Microkeruel architectura is best - it kups only  | - 1         |
| عالما   | machae sowies in kind spale, while   | .~          |
|         | services (drivers, file oppleurs, etc) nun ch'   |             |
|         | space. This emproves realability (easy to extend   | _           |
| _       | sources (drurérs, file ogsteurs, etc) nun en user space. This improves realability (easy to extend sources) and receively (faust isolation class chance  | 1           |
|         | of entire optem mash).   | -           |
|         | A CONTRACT TO SERVICE ASSESSMENT OF THE SERV |             |
| (8)     | Verituel machinis provides yolatron ( each VM musicts  |             |
| ~ ~;    | own Os faults don't affect others), management   |             |
|         | ( enapsholy, migration provisioning) and regular   |             |
|         | apturisation (hypervisor allocales clv) memory perorge   | _           |
| E TERM  | agnamicaly).   | -           |
| (1)     | The Carlo Manual Colored Color |             |
| (1)     | Swart hour system.   | 7           |
|         | and the second of the second o |             |
| (a)     | The DI can use prioriely - based scheduling to ensure  |             |
|         | rutual prousses like intrusion detection get ch  | 1           |
|         | ellimideality, which less wyert ones (lighting)  | 7           |
|         | ore scheduled a leter.   |             |
| ir to a | IPC mechangins l'éle mesage quies, shaned  |             |
| -       | efficielly and coordinate responses.   |             |
|         | effring and coordinate responses.  |             |
| 70.     | 1 : Green word of the property was and a first of the party of   | 14          |
| (3)     | Suitethe aljourhers!   | The same of |
| Go L    | earling with good on the section in the glade of the   |             |
|         | Priority Scheduling (Preemptwe) -> ensures reel-fraise   |             |
|         | when virtuel is lesses men first. The second of the  |             |
|         | Carbist readline first (FOF) -> ided for real-fine   | -           |
|         | 105 repens when lost have their fairing dedlines.  | -           |
| 1       | Rolf Monotonic Scheduling (PM) - effective for policionis 107 tols like Senor checks.  |             |
|         | like seyer was.  | 1           |