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M94-1

9D No.º 9020-1-60-052

course Tital: Operating systems

course code: che-325

section no: 10

Roll no: 17

And to Que-9

out put: Hallo world Hello

would

in this code we can three books)

System can, Here 10 (pid > 0) then

system can, Here 10 (pid > 0) then

it will be the purent proceeds

it will be the purent block also

and encente the in block also

## PADE-1

encode the prid1-borber) system call, a abten encouring pidl, to the value or pidl \$ 1800 then it will be exild process and it will be encoute the else w (pid 1==0) block in his block 9+ will enecute the pid2=borks system call and also proint "word", elle block ite the process value is -1 it will be bailded child tenmination.

Pall = 17 Ans 10 -lue Que No.5 CPUS) (OPU) O multiplex = 8 mony Werb-lavel threads to a smaller on equal. numbers ob herough threads The numbers Ob- browned threads may be repellie

Pal = 17 -1 - 1639 to either a purticular application ors a parsticulars machine. O Developeni, can create as many When threads as needland, and the corpreponding remal threads can rounin parould on multiproce essor. O Also when a typead persboring a blocking system call, the report can senedule anothers typead bon execution

Time Slice = 12 00/5) Co (12) 010 70(G) @e2 (12 PO (12) I1 (19) 03 P1 F2 (6) In (9) P2 P3 2 6 Total = 69

And to the QUE NO.1 IE=1 Devices TRO-Device 2 Device 3 Moute edick Device 4 Maskable Intermos Devices controllat CPV Device 6 Non-mair arl Device 7 Device 8 Device 9 Device 10 Device 11 Device 12 Devicee 18 Device 19 nevice 16 IEa

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Poll = 17 AND to the So, the interpoly are handling by the interpret controllers which handaling with non-madkaba and malkable interproupt. Then the projonity basis they wait in a facue till the WOBY has to be done. To one by one it with enceute by the cpa. Con which is gotting Command broom in terboupt contraller.

look " And to the Que No. 9 Facin precede may be one as the bellowing state NEW / The process 18 betong encoded Ruming -> Instructions are being executed. event to occur (Such as on I/o completion on observion of a signal). ecally / -> The process is wasting to be alsoned to a procellor. Tenminated -> The process his binished enecution.