ST. JOHN COLLEGE OF ENGINEERING AND MANAGEMENT

Numnicals

Date

	0 11 - 2 2 2	inhs	sche	duled . tind
Q).	consider Pollowing	time	and	tumaround time
	average waiting	Time	0,0	

0	Arrival Time	Burst time
Process	0	7
P1	1	104
02	2	10
Ph	3	6
D5	040	8
		1833 43

- Gart Chart

1	PI	p2 1	P3	P4 1	P5	
1	7	1)	21	27	35 (2	7+8)
		MANY	L,) (11+1	O CB TOLP	3)

(7+47B-7) of P2 Starting time at PI= 0 Here P2=7

13=11

p4 = 21

P5 = 27

Ending time at PI= 7 , P4 = 27 P2=11 P5 = 35 P3 = 21

(calculate unse

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Calculating waiting time for each process. PI = Starting time - tourst time
= 0 - p P2 = 7-1 = 6 13 = 11-2=9 Ph= 21-3=18 ps = 27-4=2B Arrage waiting Time = 0+6+9+18+2B = 56 Turnaround time = Ending Time - Arrival time P) = 7-0=7 p3 - 21-2 = 19 Ph = 27-3 = 24 35-4 = 31 Amage Turn around time= 7+10+19+24+3)

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SJF (1) Non premptive cup proach.
P P2 P4 P5 P3 5 7 11 17 25 35
waiting time = starting time - Arrival time
P1 = 0 - 0 = 0 $p2 = 7 - 1 = 6$ $p3 = 25 - 2 = 23$
Ph= 11-3=8
ps= 17-5=13
Arrage waiting time = 0+6+23+8+13
= 50/5 = 10//
Junaround time = Ending time - Amiral
P1 = 7 - 0 =
p2= 11 - 1 -
P3 = 35 - 2 =
Ph = 17 - 3 =

Arg. -1 A7=

(calculate inself)