	1				М	T W T F	5 5
					Pagel	to::	AVUOY
_	to	CPU Scheduli 1. FCPS Sched 2 SJF (Short	ng algoril	hms.	Date:		
		1. FCFS Scher	daling	The same of the	- 101	1111	
		2 SJF (Short	rest Job	first) Sch	redulin	9.	
		3. Priority Sch	eduling	7 1 7 i	1 1 -2.1.	4	
		3. Priority Sch 4. RR Schedul	ing (Roun	d Robin)		P.	
		*	40	_ [	=""		
	,	Arrival Time	e The	time where	n the	proces	21/5
	*	amiring into	ready et	ate is cal	led an	ival H	ine.
		the second second				,	
		Burst Time & to execute is	- The Him	e required	for t	he pri	cess
-	7	to execute is	called b	ourst time	or c	PU HW	e,
		,		first	J 41	- 1	
	.1	Completion time	e & Th	e time wh	er pr	sess o	Lomple
	*	its execution	is called a	completion	time	13.1	1
	-3-	of 191 2 .	5 B	2 3 1	i	-	
	*	Time Amound	time &	The time	differ	rence l	oetn
	1	Trima Amound	e amiral	Hire is	called	, turn	
		amound time	,	hiter 1-2	1 =	111	
		i	(v.	#1 = S 1s	3	5 1	
	*	fefg - first	Come fi	rst Serve	e-	. 0	
	1	criteria - A				+5	
		mode - No	n prempti	re - comp	lete pr	oces fi	rst
	m D	TAT = TAT	1, 210	3 - 5 - 5			
		Process A	BT				
		PJ	114-41A	7 = 0)	7 N		
		P2 [	3				
		P3 2			<i>p</i> [ 5 6		19
		P4 3 P5 4	2		10		
20	1	P5 4	1. Car - 5,7	1	3		
		Gonth Chart	C x 3/3 D				
			Aug to C	4. 2			
				P5			
		0 4 7	81 19.	15			
			_				II-E-21

		100
	YO	UVA
		YO

Waiting Time

AT

P1= 0-0 = 0 ms

P2 = 4-1 = 3 ms

P3 = 7 - 2 = 5 ms

TWT= 19 ms

P.4 = 8 - 3 = 5 ms

P5 = 10-4 - 6 ms

AUT = 19 = 3-8 mg.

Tum amound time =

PI = completion time - arrival time

P) = 4-0 = 4ms

p2 2 7-1 26ms

P3 = 8 - 2 = 6 ms TAT 34 ms

P4 = 10 -3 = 7 ms

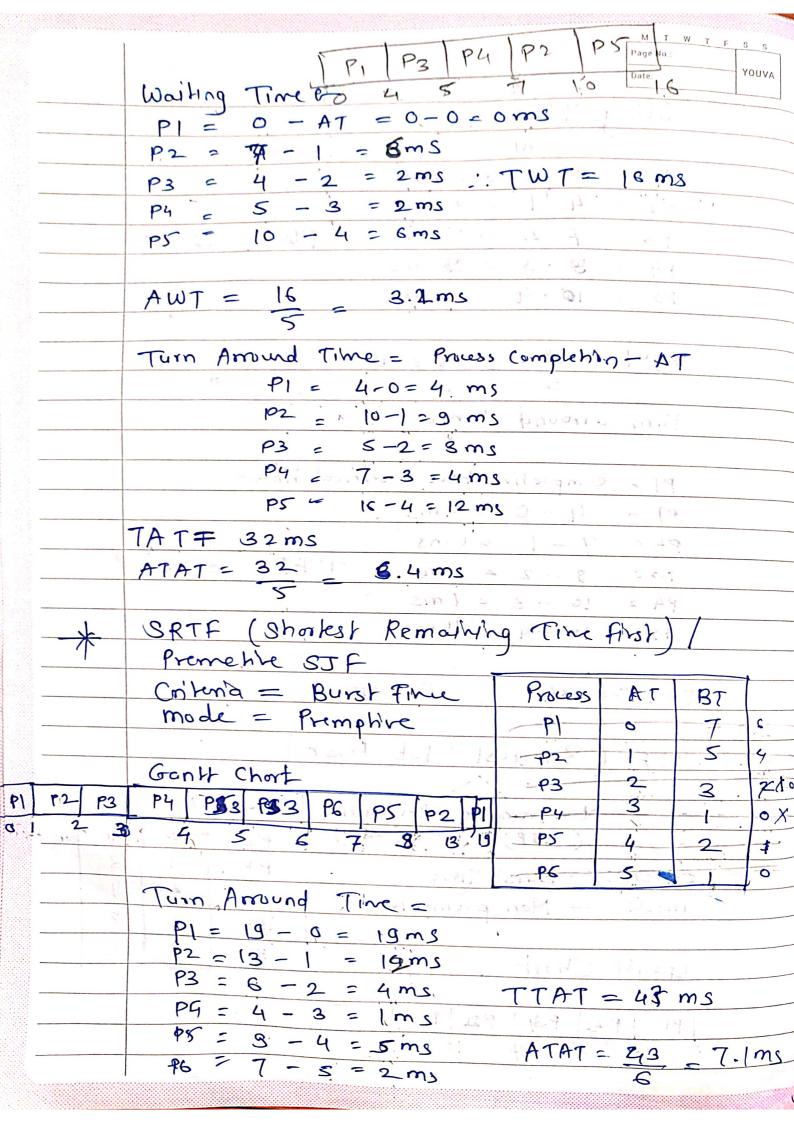
PS= 151-4= 11ms

TATF = 34 2 6.8 ms.

SJF (Shortest Job first)

	7 1 11-	111111		)
Mon Premptic Premptive	Process	AT	BT	
(SJF) (SUF)	PI	0	4	5
criteria - Burst Time	PZ.	ľ	3	
mode - Mon premptive	P3	2,	1	
E' 1- 1 2 1	PY	3	2	
Ganth Chort	PS	4	B	
			1	-

PSI PS 16 0,1



waiting Time =	
PL = TAT - BT	
= 19 - 7 = 12  ms	
P2 = 12 - 5 = 87 ms	
P3 = 4-3= 1ms	TWT = 24 ms
p4 = 1 - 1 = 0 ms	
P5 = 5 - 2 = 3 ms	AWT = 24 4ms

Scheduling

PC

Mon primptive Premptive

2 - 1 = pms

ı							
	Process	AT	BT	Brianly	Gart Thort	- 1	
	Pl	6	4	4			
-	P2_	Ī	5	5	11 13 19 (71.1)	P5	
	P3	2_	1	T(H)	6 4 5 11 16 18	- 21	
	ρy	3	2	2		-	
_	PS	4	3	1(4)	Turn Around Time	- 3	
	PE	5	6	6	P1 = 4-0 = 4 ms	-	
					p2 = 16-1 = 15ms	-	
_	P3 = 5-2 = 3 ns						
	TTNT	60	ms		p4 = 18-3 = 15 ms	_	
_	TTAT = 60  ms $PS = 21 - 4 = 17  NS$						
	ATAT = 60 = 10  ms $P6 = 11 - 5 = 6  ms$						
	6 76 = 11 - 3 - 6 15						
	Waiting time						
	TWT = 39 mg						

P = 4 - 4 = 0ms

PZ= 15-5=10ms

AWT = 39 = 6.5 mg P3 = 3 - 1 = 2 ms

 $P4 = 15 - 2 = 13 \, \text{ms}$ 

PS = 17 -3 = 14ms

P6 6 6 -6 2 0 mg

YOUVA Date

Premptive	Priority	Sche	dul'ng
- Clubsid	00 (-0)	2001	4. 8410.7

Process	AT	BT	Bronly "	at et alterial
PI	1.	1 1 W 1	500	-3 2 X
PL	2	5	2(4)	X
P3.	3	Guill	6	- 50 X
P4 10 1	0.00	mil Vin	4 / 100	re Xulxanina
P5	4	2	7.	(1)
P6	Sni	3 2	8(4)	
14 090 N	المراجي الم	H HETWO	botto	si singing of

## Gont Chart

P4 PIN	PZ	P3 P	15 96	P5	P3	Pla	P2	
0 1	2 3	4	S	e S	19	4 1	β 2	

$$P1 = |C-| = 15 m$$

$$P1 = 15 - 4 = 11 ms$$

$$P1 = 15 - 9 = 14 ms$$
  
 $P2 = 19 - 5 = 14 ms$ 

$$P3 = 11 - 6 = 5 ms$$

$$P_{3} = 1 - 1 = 0 \text{ ms}$$

TWT = 33 ms

AWT = 33 ms

Page No.:

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YOUVA

	Date:
*	Round Robin Schedulinge
	Criteria = Time Slice, AT, BT
	Process AT BT (Slize -4)  Pl 0 8 4 Genth Chart  P2 1 4 0
	P3 2 9 5,1 P1 P2 P3 P4 P1 P3 P4 P3 P4 P3 P4 P3 P4 P3 P4 P3
	Turn Arround Time - Completion time - AT
	p1 = 20 - 0 = 20  ms
	$P^2 = 9 - 1 = 7 \text{ ms}$
	P3 = 26 - 2 = 24  ms TTAT = 73 ms P4 = 28 - 3 = 22  ms ATAT = 73
	PY = 28 - 3 = 22  ms ATAT = $73 = 18.28$ ,
	Waiking Time = TAT-B-T
	P1 = 20 - 8 = 12 mg
	$p_2 = 7 - 4 = 3 \text{ ms}$
	P3 = 24 - 9 = 15 ms
	P4 = 22 - 5 = 17  ms
	TWT = 47 ms AWT = 41 = 11.75 ms
	4

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