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1	the transfer of the transfer o				
a It has overhead of	2) 21 does not have				
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3) This flexible	3 It is rigid				
4) cost associated.	4) NO COST OSSOCIATED				
	· .				
s epu wilization high	5 cru utilization low.				
6) F.g. Round - Robin,	6) F.g - FCFS 521				
Cratical towarding					
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	is single engly to				
ation of the form	union echeduline algorithm				
0.2] Which of the follow	swing scheduling algorithm				
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3	Chaple to e	scheduling >1	f higher Plion		
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1. 3	Process	Burst Time	Priority		
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-	PS	S	3		
-	The process	are assumed	to have anivedi		
, ————	Older PloP2	, P3, P4, P5 W1	at time o.		
Ans.	a) Draw Gan	H chart for fol	lowing agorithm		
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m)	MOD PLEE	whireit	rioritu	sched	ulvina i	j	
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<u>b</u>]	What is th	ve taw	awing	1 time	tor 6a	ch brocess	
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	Process	FCFS	JE2	Priori	ty RR		
	PJ	2	13	3			
	P2				3		
	<u> </u>	3	20	20	2		
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	15400122
[]	average wouting time
	processes)?
Ansi	Average waiting time for reis
-1-1	Processes)? Average waiting time for FCFs $= 0+2+3+11+15 = 6.2$
	5
آآ	Average waiting time for SJF
	= 1+0+12+3+7 = 4.6
	i without a faire the start of a
iii	Line For Drighty State
	AVCIUGE WAITING
	scheduling algorithm
	= 1+0+12+3+7 = 4.6
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iv)	The tage of tage o
	algorithm =
	= 0+2+12+9+13
	5
	= 7.2
	- SJF: and priority scheduling
	algorithm have same average waiting
, al ·	time. Therefore SJF and priority
	scheduling algorithm has minimum average
	waiting time over all processes.
	processes.

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	$\mathcal{C}(\mathcal{A})$	ノンつ
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O.U)	Suppose that Collandia							
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	informat	ion you hav	760	SIOD DO	308			
	must be	mageili, in	e at	+1W6	<u>0602100</u>			
		1100011	. 11 17 14					
	Process	Arrival			17			
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	P2	0,4		8				
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-57								
<u>aj</u>	What is	rracode towo	round	time:	for this			
	process c	with the FCF	s sch	ed wing i	orderithus!			
Ans.		seduli ng alge	orith m					
		nd Time =		1.	<u> </u>			
. *	Cor	ppletion Time	1A	rival tir	ne-			
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	FCFS Gart	+ chart -	*r	1 ,				
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Process	cowbietiou	Turnaround	waiting
	ti,w6	time	+imé
	with the	i_{f} i_{f} i_{f}	
P.J	8	8-0-8	8-8=10
P2	12	12-0.4=11.6	11.6-4=7.6
P3	13	13-1.0=12	15-1=11

·	19UCS122
	Average tumaround times
	Q
- · · · · · · · · · · · · · · · · · · ·	= 316, = 10.53
	The same of the same of the same is
6	What is average turnaround time for the
	process with SJF?
Ans.	Gant's chart's
	P1 P3 P2
	0 13
,	0 8 9 13
	Process completion Turnavound water
	Process
11.1.	time time
	PI 8 8-0-8 0
	P2 13 13 -0.4=12.6 8.6
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3	Average turnaround time =
	8 + 12.6 + 8
·	3
	= 28.6
	3
<u> </u>	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
<u> </u>	
c]	SJF with I unit cru I'del time
Ans	Gontt chart-
	P3 P2 P1
	0 Idle 2 6 14
	+1000

 - Annual Control of the Control of t				19 <i>U</i> e	CS122
Process	Arrival time	Burst time	C7	Turnaround 4ime	usaiting time
PI	0.0	8	14	14	6
P2 P3	1.0	4	6	5.6	1.6
		1	2	1	0
			 		

Average 7	turnaround time =	
à	14+5.6+1	
	3	
	- 50.6	
	3	
	· 6.8]	