Dati _/_/

DIGITAL ASSIGNMENT-2

AI

a) Round Robin Quantum = 2

1	PROCCE	PAURITY	AT	BT	CT	TAT	WT
	A	3	0	10	32	32	22
	B	5	0	6	22	22	16
	C	2	0	2 -	6	6	4
	D		0	4	16	16	12_
	E	4	0	8	30	30	22

Chart ABCDE/118

[A | E | A] 26 28 20 32

Avg TAT = 32 + 22 + 6 + 16 + 30= 21.2 min

A-V9 -	a9 T	P	13	5-2
0				

b) PRORITY

1	PRIORITY	AT	BT.	1cT	TAT	$\int \omega T$
, 1						
A	3	0	10	124	124	74
B	5	0	6	6.	6	0
C	2	0	2 .	28	28	26
D	1	0	4	30	30	26
E	4	0	8	14	14	6

GANTT CHART

18	E	Ar	D	30	1
0 (5 1	4 2	ال ع	8	30

Avg TAT = 20.4 Avg WT = 14.4

Crantt chart = [A | B.] C | D

£3	Date:	1 1
M30a	Page:	

	PRICETY	AT	BT	CT	TAT	WI
				,	· · · ·	
A	3	0	10	10	10	0
<u>B</u> .	5 -	0 -	6 .	16	16 .	10
C	2	0	2	18	18	16
D	1	0	4	22	22	18
E	4	0	8	30	30:	22
- 1		-				

Avg TAT = 19.2 Avg WT = 13.2.

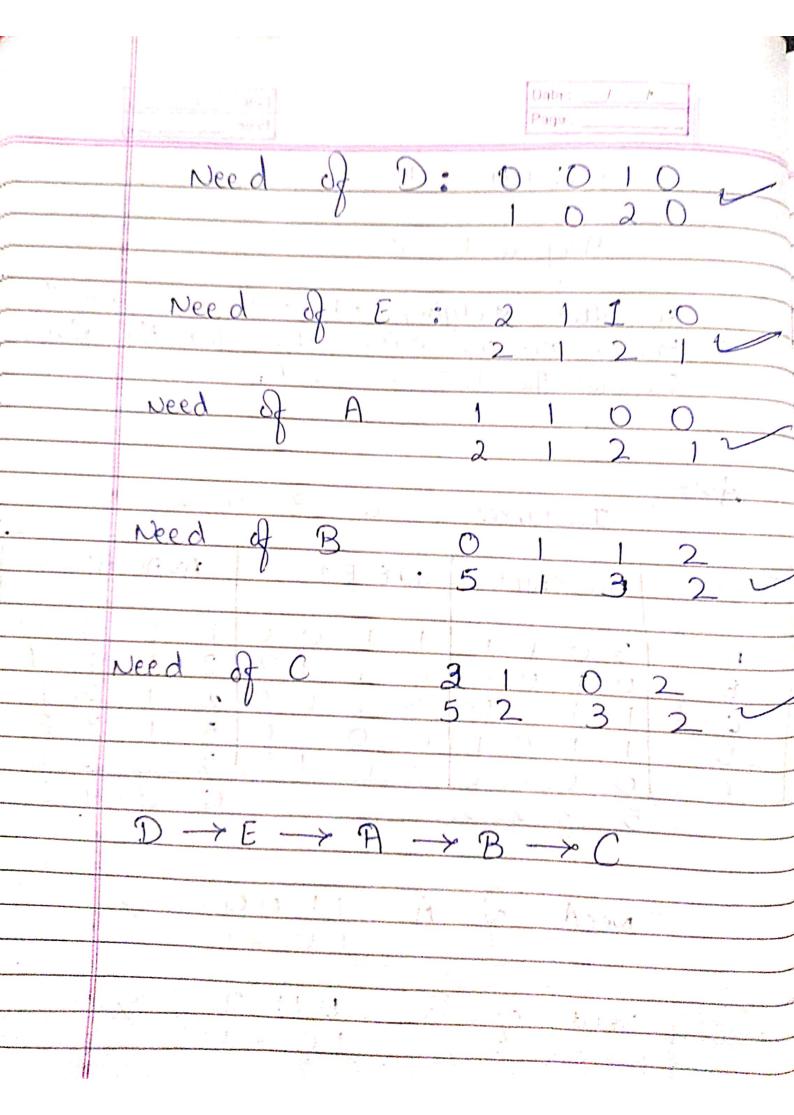
SHURTEST JOB FIRST

					67
	AT	BT	CT.	TAT	WT
A	0	10	30	30	
B	0	6	12	12/1	20
	0	2	2	2	6
D	0	4	6	6	0
E	0	8	20	11120	2
				120	while 12 1 5

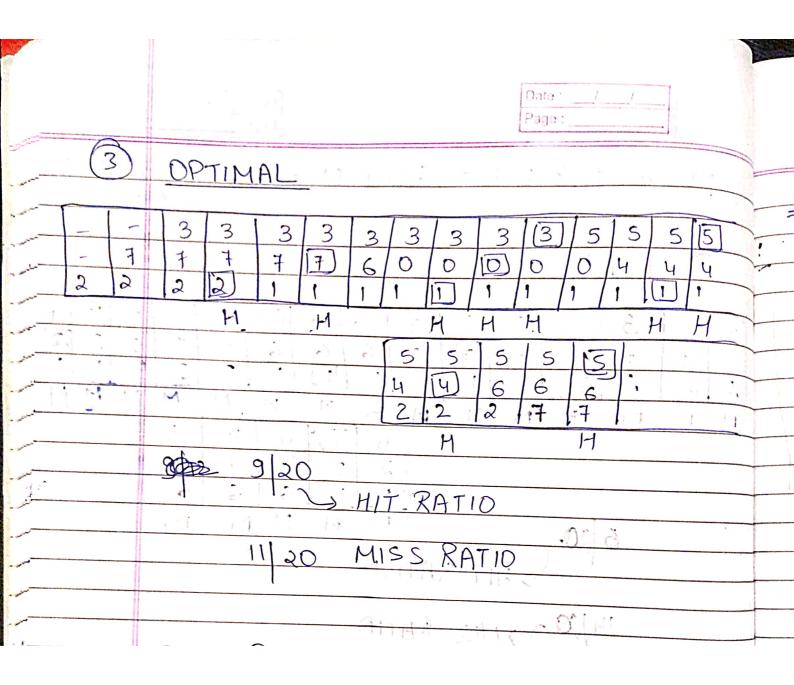
Gant cha	it	/c	I D	4	B	F	Δ	-
	Ş.	0	2.	6	12	20		30

		Date:/ Page:					
		Avg TAT = 14.0					
_		Avg w T = 8.0 so after studying all cases we came to Known on conclusion that for the given Scenerio the best is SJF.					
_							
_		Scenerio the best is SJF.					
_	A-2	Instances: 6 3 42					
	PROCLES	S ALLOCATED NEED AVAILABEL					
	A	301111001020					
	B C	0100011221					
_	D	5 3 2 2 6 3 4 2					
_							
		Need of A 1100 X					
_		Need of B 0112 X					
		Need of C 3100 X					

T



	Date :/_ / Page :
44	2, 7, 3217601035415246
1-1-7 22 M M	FIFO 3 3 3 3 3 0 0 0 0 0 4 4 4 4 4 4 4 4 4 4
	14/29 > MISS RATIO
(2)	LRU
7 2 2 M M	3 3 3 7 7 7 1 1 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5
	5 6 6 6 2 2 7 7 7 3/20 = HIT RATIO 4 4 5 M M M M M M 16/20 MISS RATIO



A-5

Pi	460 KB
P3	150 KB
.PI	300KB
	160 KB
P2	200KB

FIRST FIT

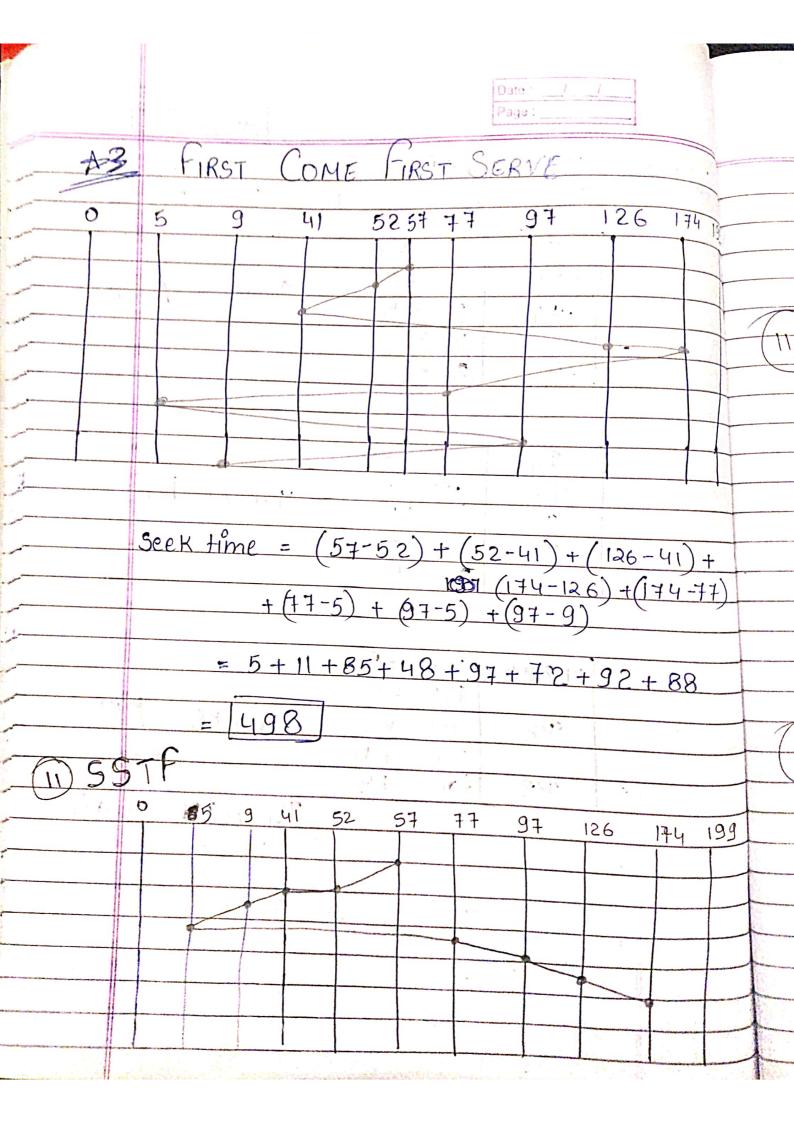
4	
Py	400 KB
P3	150 KB
Pi	300 KB
P2 -	100 KB
	200 KB

BEST FIT

g de	AND THE RESIDENCE OF THE PARTY	A STATE OF THE PARTY OF THE PAR	and a final building to the same special and also
	P1 242-69	USD	·KB
		150	KB
	PZ	300	KB
		150	KB
1	P3	200	KB
med	The state of the s		

WORST FIT

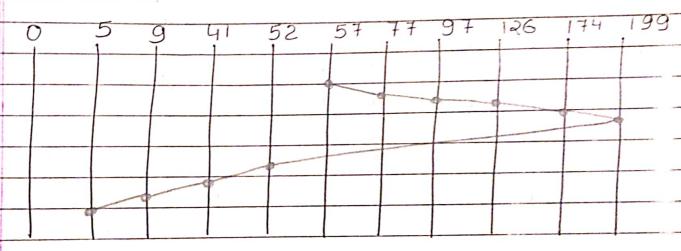
Py will wait



			-	Date			_/		
			ľ	age	:_				
-+-	2	2	+	4	+	7	2	+	2

SEEK TIME = 5+11+32+4+72+20 +29+48

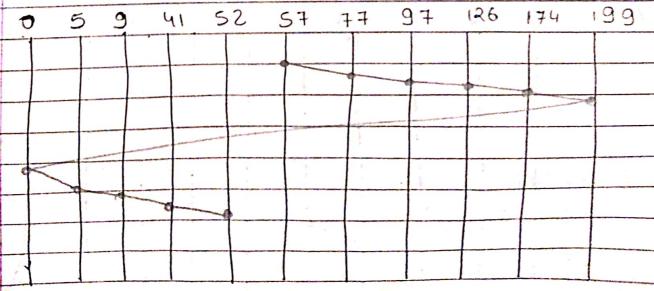
(III) SCAN



SEEK TIME = 20+20+29+48+25+147+11+ 4+32 = 336



CSCAN



	Date :/_ / Page :
	SEEK TIME = 20+20+29+48+25+199+
	+5+4+32+11
	= [393]
(1)	LOOK
	SEEK TIME = 20+20+29+48+122+11+32+4
	CLOOK 0 5 9 41 52 57 77 97 126 774 199

	Date: /// Page:
-	SEEK TIME: -20+20+29+48+169
	+4+32+11
	= 333
irter	
eri, sa de	
Marina	