i) swapping system:

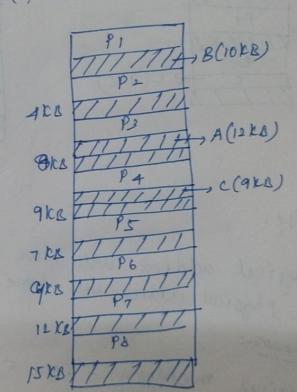
Memory holes: 10 kB, 4 kB, 20 kB, 18 kB, 7 kB,
9 kB, 12 kB, 15 kB

a) 12 Kb b) 10 kb c) 9 kb bc

Before allo cation:

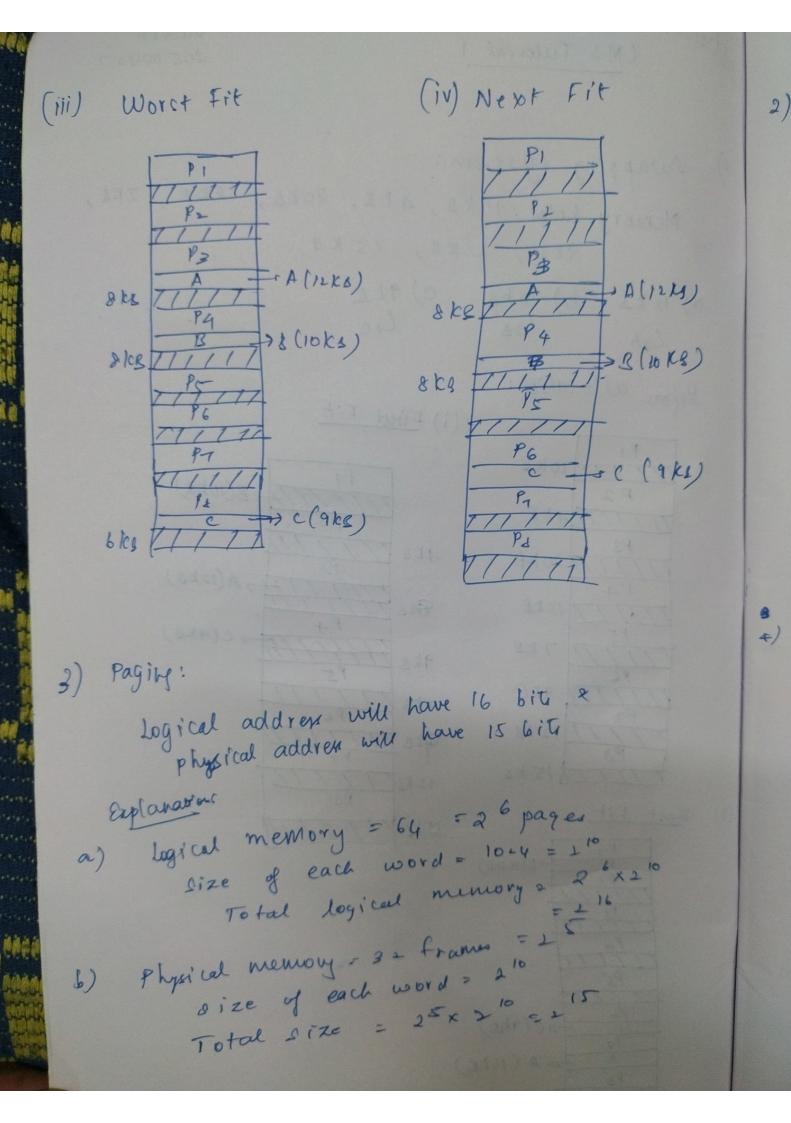
. Frank	
P1 101018	
P2 7/1/1/// 4KB	
P3 7/1/1/1/2018	
P4 7/1/// 18 kg P5 7 h 8	
7/1/1/ 1KB	
111/1/1 9KB	
7//// 12 68	
+11111 15 KB	

(i) First Fit



(i) Best Fit

TPI - A
B + B(1010B)
P2
771111
P3
77777
l Pa
711111
PE
V1711
TP6
- C +30 (9 Kg)
P7
A - A CILKE
D
11111
V////



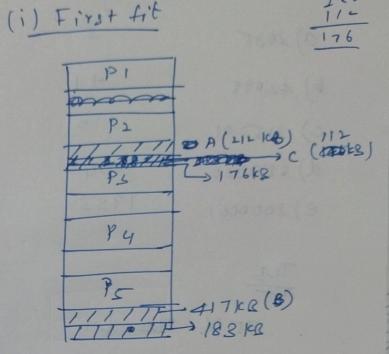
2) 100 kg, 05 00 kg, 200 kg, 300 kg, 600 kg a) 212 kg b) 417 kg e) 112 kg d) 426 kg

Po 1 1 1 1 500 Kg

Pa 200 Kg

Pa 300 kg

Pa 600 kg



200

segmentation:

a)
$$480 < 600$$

So Physical address = $219 + 430$

2) 1RB is 1024 bytes

offiet Pg No 13 a) 2008 111 41 6) 42095 210 c) 215201 161 634 7 84 d) 650000 1953 129 e) 200 000 1

TLR

75 1. TLB Lit

2 TLB = 2 NS

An accen, 50 m Effective memory reference >5 (0.75) (2+50) + (5.25) (50+50+2) =64.5

Jegment ation