01

Total = 8

PIP2 P3 P4	Max 3 2 5 6	Allo	Avail	Need Z. +
a,	1.) < PZ, PI, P3, 2.) < PZ, P3, P1, P1		3 4	
	3. (PZ, P3, P4, P	1>	6. LPI, PZ, 7. LPI, P3,	P4, P3> P2, P4>
			8. (PI,P3,	P4, P2)

B.) P1	Max	Allo	Avail	Weed	
P1	3			Consession of the contract of	
PZ	2				
P3	5	7		3	
84	6	3		3	
2	3				
1 (PZ,	P1, P3,	P4>	- CPZ, F	1, P4, F	3
		1	05		
		1			

HWZ

- QZ. a.) virtual add = (1,1200) PI PI = 1080 = 7, 1080 + 1 = 1081 = Z
 - physical add = 4096 x Z + 1200 = 1939Z
- bi) virtual = (3,800) PZ PZ=1085 +3 = 1088 = 24
 - physical = 4096 x 24 + 800 = 199104
- Ci) Physical = 57344/4096 = 14

 Page 14 does not exist, therefore, it does not exist in virtual memory.
- di) Physical = 57343/4096 = 13 4095/4096

Process = P3 Logical = (1, 4095)

Q3. p=10-6 ma=100ns c=106

EAT = (1-106).100 + 106(.7(106)+.3(.6(126)+.4(206)))

= 99.9999 + 10-6(7eb + 4,56eb)

= 99.9999 + 10-6(11.56e6) = 99.9999 + 11.56