8.11

First-fit: 115KB(300KB) 500KB(600KB) 358KB(750KB) 200KB(750KB) 375KB(750KB)

Best-fit: 115KB(125KB) 500KB(600KB) 358KB(750KB) 200KB(300KB) 375KB(750KB)

Worst-fit: 115KB(750KB) 500KB(750KB) 358KB(600KB) 200KB(300KB) 375KB(NO)

Best-fit>First-fit>Worst-fit

8.25

(a) 50\*2=100

(b)0.75\*(50+2)+0.25\*(100+2)=64.5

8.26

In order to improve the performance of each other. Avoid the segment table or the page table become too large.

8.28

A,649 B,2310 C,illegal D,1727 E,illegal