## 180 半導體元件物理與製程——理論與實務

植入步驟	相關之電性項目	針對每個項目作說明
Poly-Si gate		
V <sub>T</sub> adjustment		
LDD		
halo		
APT		
well		

- 10.以下四個,有哪幾個可明顯反應出 halo implant 過淡?請說明理由(a)lower junction breakdown voltage(b)lower gate oxide breakdown voltage(c)lower well resistance(d)lower punch through voltage
- 11.以下四個,有哪幾個可明顯反應出 APT implant 過淡?請說明理由(a)higher junction breakdown voltage(b)lower junction breakdown voltage(c)higher well resistance(d)lower well resistance