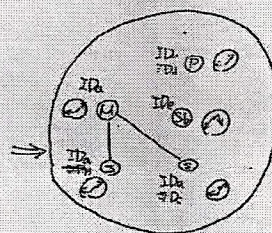
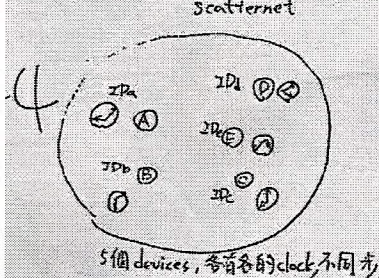
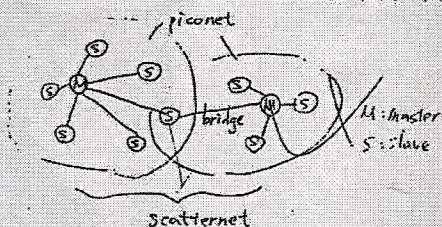


國立成功大學 學年度 學期 次平時考試卷									
成績開評	系	班	學號	姓名	科目	名稱	類別	系	年級

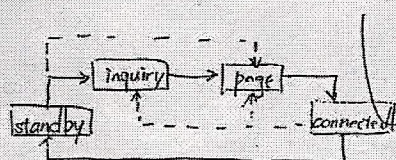
6. Piconet : - Master can connect to 7 simultaneous or 200+ inactive (parked) slaves per piconet.

- Each piconet has maximum capacity. (1M Sps)
- Unique hopping pattern / ID

Scatternet : - Piconets can coexist in time and space. (由多個 piconets 組成)



P: parked, 已經通過, 目前無資料傳輸  
sb: standby, non-piconet



- standby: do nothing
- inquiry: search for other devices in vicinity
- page: connect to a specific device
- connected: participate in a piconet (master or slave)

7. FCA : - borrow from the richest (SPR) : channels 不夠時, 向鄰近 channel 數最多者借  
- borrow first available scheme (BFA) : 向鄰近第一個搜尋到可借的借

DCA : - centralized DCA : First Available (FA) - 哪個 channel 空了, 就給需要者 (可減少系統計算量)  
- distributed DCA : Locally Packing distributed DCA (LP-DPCA) - 用 ACO (Augmented Channel Occupancy Matrix) 判斷 配合 哪個 channel

比較 FCA & DCA : FCA : - 適用 heavy traffic  
- low flexibility in channel assignment  
DCA : - 適用 light/moderate traffic  
- flexible channel allocation