

淡江大學 95 學年度轉學生招生考試試題

44-2

系別：資訊工程學系三年級

科目：資訊概論

准帶項目請打「V」	
X	簡單型計算機

本試題共 2 頁

- (c) the three layers (d) all layers
- (4) A bridge operates at _____ of the OSI model.
- (a) the first layer (b) the first two layers
- (c) the three layers (d) all layers
- (5) The transport layer protocol of TCP/IP is called _____.
- (a) TCP (b) UDP
- (c) IP (d) a and b.
5. Use the following table of processes and service time. Draw a Gantt chart that shows the completion times for each process using round robin CPU scheduling with a time slice of 60. (10%)



6. Consider the following page map table. Assume that the frame size is 1024 bytes. Please answer the following questions (20%)
- (a) What is the physical address associated with the logical address $\langle 2, 85 \rangle$?
- (b) What is the physical address associated with the logical address $\langle 3, 1025 \rangle$?



7. Give the adjacency matrix representation of the following graph. Give the depth-first traversal of the given graph starting from vertex A. (20%)

