Part I 解釋名詞: (40%) 

Please explain the following terms:

(1) Unicode:

(2) Bus:

(3) Syntax error:

(4) Protocol:

(5) Multitasking:

(6) Firewall:

(7) RAID:

(8) Intranet:

(9) EDI:

(10) Cluster:
Part II 開放題 Short Answer: (60 分)

(作答一律使用中文，請簡單扼要，答非所問酌予扣分)

1. Describe three major types of file organization. (10%) 

2. Describe the four operations that take place during a machine cycle. (10%) 

3. Describe the three fundamental control structures of structured programming. (10%) 

4. Describe the differences between star, ring, and bus networks. (10%) (Please draw the diagrams) 

5. Describe the six phases of the systems development life cycle (SDLC). (10%) 

6. List four types of database models. (10%)