

- I. In the area of systems theory, some concepts are quite applicable to the management of a business organization. Please explain the following concepts:
1. entropy (5%)
 2. equifinality (5%)
 3. dynamic equilibrium (5%)
 4. synergy (5%)
- II. Miles and Snow (1984) predicted a new organization form -- "dynamic network" for the 21st century.
1. What are the characteristics of the network organization? (10%)
 2. How does this concept of dynamic network oppose to that of forward/backward integration? (10%)
- III. In solving a decision problem, payoff matrix and decision tree are the two commonly used procedures for evaluating alternatives.
1. What are the major components in forming a decision model in terms of payoff matrix? (10%)
 2. Do you agree that any decision tree can be presented by one equivalent decision matrix? Why? (10%)
- IV. Lawrence and Lorsch (1967) treated differentiation and integration as two opposing forces within an organization.
1. Explain the concepts of differentiation and integration. (10%)
 2. What are the coordination techniques usually used for achieving integration? Among those techniques, which one is the most appropriate for integrating the business units of today's business groups in Taiwan? (10%)
- V. Hofstede (1983) performed an empirical study on the impact of culture on a multinational corporation in terms of four cultural dimensions.
1. What are the four cultural dimensions he constructed? (10%)
 2. Discuss the role of each dimension in designing the organization of a multinational business. (10%)