

1. Terminology(28%, 4% each)
 - a. aggregate production planning
 - b. CAD/CAM/CAE
 - c. MTBF
 - d. MRP
 - e. QFD
 - f. SMED
 - g. kanban

2. Assuming that the following quantity discount is appropriate:

Order size	Discount	Unit cost
0 to 49	0%	NT\$30.00
50 to 99	5%	NT\$28.50
100 or more	10%	NT\$27.00

If annual demand is 150 units, ordering cost is NT\$20 per order, and annual inventory-carrying cost is 25 percent, what order quantity would you recommend?(12%)

3. NCKU supermarket has the following minimal personnel requirements during the week. Each employee is required to have 2 consecutive days off. How many regular employees are required?(5%) Please give the schedule for each employee(5%)

Day	Mon	Tue	Wed	Thur	Fri	Sat	Sun
Minimum Personnel	4	4	5	6	6	5	4

4. Please explain the following terms briefly:(20%)

- a. Neo-Human Relations Movement
- b. Path-Goal Model of Leadership
- c. Stakeholders
- d. Dialectical Inquiry Method
- e. Entrepreneurship versus Intrapreneurship

5. Describe Porter's framework for business-unit strategy (15%)

6. Identify the sources of managerial power (15%)