

PRINCE OF SONGKLA UNIVERSITY
FACULTY OF ENGINEERING

Final Examination : Semester II

Academic Year : 2008

Date : 24 February, 2008

Time : 13:30-16:30

Subject : 225-465:Value Engineering and Cost Analysis Room : R201

ทฤษฎีในการสอบ โทษขั้นต่ำคือ ปรับตกในรายวิชาที่ทฤษฎี และพักการเรียน 1 ภาคการศึกษา

Instruction:

1. Answer all questions.
2. All materials are allowed.

Questions:

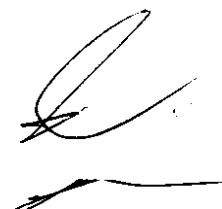
1. Analyse and list the basic functions of the system and process as the following:
 - 1.1 raw material purchasing process in cold storage industry
 - 1.2 service system in restaurant
 - 1.3 employee recruitment and selection.

(15 points)
2. Assume the basic functions from 1.2, draw a sketch design of innovation service in restaurant.

(20 points)
3. What is the function of teaching and learning? And how can it reduce the operating cost by using VE technique?

(20 points)
4. Use VE technique to create, analyze and propose the new business idea to start up the new business in Hat Yai.

(20 points)



5. Analyse and determine the standard unit cost of product as the following:

5.1 a bottle of drinking water

5.2 dried banana slices coated with sugar

(25 points)

prepared by Assist.Prof. Kamron Pitaks

A handwritten signature in black ink, consisting of a large, stylized letter 'K' followed by a horizontal line extending to the right.