

PRINCE OF SONGKLA UNIVERSITY
FACULTY OF ENGINEERING

Final Examination: Semester 2

Academic Year: 2008

Date: 23 December 2008

Time: 09.00-11.00 (2 hours)

Subject Number: 241-500

Room: R201

Subject Title: Research and Development Methodologies

Exam Duration: 2 hours

This paper has 5 pages. It contains exam sheets, 3 questions 20 marks (20%), and quiz with no marks.

Authorised Materials:

- Writing instruments (e.g. pens, pencils).
- Textbooks, a notebook, handouts, and dictionaries are not permitted.

Instructions to Students:

- Scan all the questions before answering so that you can manage your time better.
- Write your answers in English only.
- Write your name and ID on every page.
- Any unreadable parts will be considered wrong.

Cheating in this examination

Lowest punishment: Failed in this subject and courses dropped for next semester.

Highest punishment: Expelled.

NO	Time (Min)	Marks	Collected	NO	Time (Min)	Marks	Collected
1	20	4		3	20	4	
2	40	12		Total	80	20	

Name _____ ID _____

Question 3

(4 marks; 20 minutes)

Compare the following types of research papers and reasons for publications.

a) Conference proceedings

b) Journals

True success is not in the learning,
but in its application to the benefit of mankind.

M. Songkla

Pichaya Tandayya

Lecturer

**This is not an exam sheet! However, please answer the quiz for my information.
It will be used in the next class hour.**

How to be a star engineer Quiz on 'Understanding Star Performers'

Individuals who outperform their colleagues by a wide margin are often called "star performers." How much do you know about these individuals? Are the following statements True (T) or False (F)?

- _____ 1) Star performers are born, not made.
- _____ 2) Star performers are smarter than average performers (have higher IQs, are better problem solvers, or are more creative).
- _____ 3) Star performers are more driven and ambitious than others.
- _____ 4) Star performers have more leadership skills than others.
- _____ 5) Clean desk people are more likely to be star performers than messy desk people.
- _____ 6) Detailed time management and organizational systems are keys to high productivity.
- _____ 7) Star performers work longer hours and harder than average performers.
- _____ 8) Star performers are more satisfied with their jobs than average performers.
- _____ 9) Star performers are successful primarily because they play organizational politics and give slick presentations to upper management.
- _____ 10) Minorities and women can seldom be as productive as people who are part of the "old boy" network.
- _____ 11) People cannot sustain a doubled rate of productivity improvement for long time periods.
- _____ 12) I would rather have a team with one star performer supported by four average performers than a team with five performers who are all in the top 5 percent.