

PRINCE OF SONGKLA UNIVERSITY

FACULTY OF ENGINEERING

Semester I Final Examination

Academic Year: 2012

Date: 4 October 2012

Time: 13.30 – 16.30

Subject: 220-570 Transport System Development Room: A 201

---

Instruction:

- 1) There are 5 questions. Attempt all question.
- 2) Students can bring any materials into the examination room.

Set by Prof Pichai Taneerananon

---

1. What you think are the transport challenges in Thailand? Describe the challenges and Thai government policies in addressing the challenges.
  2. Describe the 8 steps in the frame work of transport system management. Give an example of an initiative to address a challenge.
  3. If you are put in charge of developing a transport system for your city/province or country, give the vision and objectives of your plan.
  4. Green transport has recently been promoted as the way forward as the concept will help sustain our transport system. Describe an example of Green transport master plan/ strategies
  5.
    - a) Describe Thailand High Speed Rail master plan and what you think would be the benefits of having a HSR system.
    - b) Thai government has planned to build a deep sea port at Pakbara, in Satun to enhance the country's logistics system, but at the same time, there is private sector initiative to develop a deep sea port in Dawei, Myanmar. Discuss the strengths and weaknesses of these two proposals and make recommendation as to which one would benefit Thailand the most.
-