

PRINCE OF SONGKLA UNIVERSITY

FACULTY OF ENGINEERING

Mid- Semester Examination

Academic Year : 2015

Date: 16 March 2015

Time:0900-1200

Subject: 220-494 Special topics in Civil Engineering Room: S817

(Road Safety Engineering)

Instruction: 1) There are 4 questions. Attempt all questions.

2) Students can bring any materials into examination room.

Set by: Prof Pichai Taneerananon

1/ Describe: What is a road crash? What are contributing factors to a crash? Explain why Thailand has some 24,000 road traffic deaths every year.

2/ Describe the safe system approach to road safety

3/ In the UN Decade of Action for Road Safety 2011-2020, there are 5 pillars of action, describe each one in some details. In your opinion, which pillar is the most important.

4/ What is traffic calming? Why we need to do it. Give 2 examples of traffic calming measures.
