CEV406 Week 10 Worksheet

Air Pollution Reduction Policy

You are working at Ministry of Environment, considering to adopt a policy which is intended to improve indoor air pollution especially during winter in the houses using "Soba" for heating.

Q1. What kind of policy would you introduce?

Q2. Before implementing the proposed policy from Q1, you decided to conduct Cost Benefit Analysis. List the items to be considered in the table below. [Need at least two CBA, one for Status Quo (without any policy) and one for the alternative policy (listed in Q1)]

Types	Cost	Benefit	Affected Population
Economic B/C			
Environmental B/C			
Health B/C			

Q3. As one of the health benefits, you decided to include "the value of human lives saved due to this policy". How are you going to evaluate the value of human lives in CBA?

Q4. In order to evaluate "the value of human lives", you decided to use a survey-based approach. What kind of questions would you ask in order to estimate the necessary value?

Q5. As one of the health benefit, you decided to include "the reduced Chronic Bronchitis cases". How would you evaluate the value in monetary term?

Q6. In order to evaluate "the value of reduced cases of chronic bronchitis", you decided to use a survey-based approach. What kind of questions would you ask in order to estimate the necessary value?