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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Environmental & Resource Economics (course)

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Thank you for taking the Week 6: Assignment 6.

Week 6: Assignment 6

Your last recorded submission was on 2023-09-06, 20:13 Due date: 2023-09-06, 23:59 IST. IST

1) If marginal cost of abatement is equal to ———— the firm will achieve Private Optima. ***1 point***

- (●) Marginal Benefit of abatement.
- ( ) Emission tax per unit
- ( ) Price of the produced good.
- ( ) Profit.
- ( ) A and B.

2) Which of the following is the economic explanation of upward sloping Marginal abatement cost curve of pollution control? ***1 point***

- ( ) Every additional unit of pollution control does not have any extra impact on the cost of the firm.
- ( ) Every additional unit of pollution control reduces the total cost of pollution control for each firm.
- ( ) Every additional unit of pollution control impact negatively on the satisfaction of the society.
- (●) Every additional unit of pollution control becomes more costlier than the previous unit .
- ( ) Every additional unit of pollution control increases the total cost of pollution control for each firm.

3) When regulators are uncertain about marginal abatement cost of pollution, emission tax is fully effective if and only if, ***1 point***

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- (●) Expected marginal cost curve is flat straight line.
- ( ) Expected marginal cost curve is a steep line.
- ( ) Marginal benefit curve is a steep line.
- ( ) Marginal Benefit of pollution control is upward sloping curve
- ( ) None of the above

4) If actual marginal cost of pollution control is more than expected marginal cost; ***1 point***

- ( ) There is too less of pollution control.
- ( ) Emission tax is not effective at all.
- ( ) There is too much of pollution control.
- ( ) Production must be stopped.
- (●) Emission tax will be fully effective.

5) According to Weitzman theorem, ***1 point***

- ( ) In the presence of uncertainty, effectiveness of Pigouvian Tax depends upon the absolute slopes of marginal benefit (MB) and marginal cost (MC) of pollution control.
- (●) In the presence of uncertainty, effectiveness of Pigouvian Tax depends upon the relative slopes of MB and MC of pollution control.
- ( ) In the presence of uncertainty, effectiveness of Tradable pollution permits depends upon the relative slopes of MB and MC of pollution control.
- ( ) In the presence of uncertainty, effectiveness of tradable pollution permits depends upon the absolute slopes of MB and MC of pollution control.
- ( ) When regulators are certain about the MB and MC of pollution control, effectiveness of Pigouvian Tax depends upon the relative slopes of MB and MC of pollution control.

6) Tradable pollution permit system is an example of; ***1 point***

- (●) Quantity Rationing.
- ( ) Tariff.
- ( ) Price rationing.
- ( ) Revenue Recycling.
- ( ) None of the above.

7) When a Policy achieves its objective, we can say that the policy is ***1 point***

- ( ) Efficiency.
- (●) Effective
- ( ) Equity orinted.
- ( ) Successful
- ( ) A, B & C.

You may submit any number of times before the due date. The final submission will be considered for grading.

Submit Answers

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