

2256

A

M.A. Winter Semester

ECONOMICS

Course 705 – Environment and Development

(Admissions of 1999 and onwards)

Time : 2-1/2 hours

Maximum Marks : 70

(Write your Roll No. on the top of immediately on receipt of this question paper).

Answer two questions from each part.

PART A

Your answer to any question in this part must not exceed 4 pages

Q1. Based on Partha Dasgupta's analysis of common property resources, CPRs (*The Place of Nature in Economic Development*) what are the reasons "CPRs have deteriorated in recent years in many parts of the poor world."

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Q2. Briefly describe the seven conditions that are *individually* necessary and *jointly* sufficient for a common property resource, *a la* Stevenson (1991). Which of these conditions are not met by an open access resource?

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Q3. Briefly describe the seven stylised "core facts" of laboratory public goods experiments *a la* Ostrom (2000) that theory needs to explain. How does the presence of "norm-using" players (namely, *conditional cooperators* and *willing punishers*) in addition to rational egoists help explain these "core facts"? Please be specific in your answer.

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PART B

Q4. Compare and contrast only the following two features in any three studies on use and dependence on common pool resources (CPRs) that you are familiar with: (i) the definition of rural poor and (ii) the nature of CPRs examined. In light of (i) and (ii) are the findings of these studies comparable? [Note: a detailed discussion of empirical results is not required.]

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Q5. Describe and define precisely how scarcity of environmental goods (namely, water and forest products) is measured in the gender and time allocation studies by Ilahi and Grimard and by Priscilla Cooke, respectively. In this regard what are the shortcomings if any of these studies. How might these be overcome? [Note: a discussion of empirical results is not required.]

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Q6. With regard to the so-called Environmental Kuznets Curve (EKC), state precisely in what ways do Harbaugh, Levinson and Wilson, HLW (2002) improve on the empirical results of Grossman and Krueger (1995)? Comment specifically on the findings of HLW with regard to EKC for sulfur dioxide. (You may illustrate your answer with a figure if you like.)

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