

Indian Institute of Technology Delhi

HUL 275: Environment, Development and Society

Minor 2

08th October 2015

Instructor: Upasna Sharma

No. of students: 82

Total marks: 20

1. Explain the concept of 'peak oil'. Why is it a likely impending crisis for the economy and the environment? 2 marks
2. Briefly explain and list the eco-system services that human societies receive from a mangrove. 2 marks
3. In the reading 'Caste and Conservation' by Gadgil and Guha, the different castes living in the Western Ghats use certain strategy(ies) to minimize inter-caste and intra-caste competition over common living resources? What are these strategies? Explain briefly. 2 marks
4. a. What is the inevitable and "tragic" behaviour exhibited by the herdsmen in Hardin's hypothetical grazing commons? 2 marks
b. For Hardin, what are the only two options for averting "tragedies of the commons"? Which option does Hardin prefer and why? 2 mark

OR

Explain the Carbon prisoner's dilemma.

4 marks

5. Evidence exists from around the world, that people succeed at cooperating to preserve common property. Elinor Ostrom's influential book *Governing the Commons* published in 1990 explores such evidence and presents seven design principles for developing the right institutions to solve the commons problem. Take example of a commons and briefly describe these seven general design principles for successful management of common property resources. 4 marks
6. The most important concepts we can draw on from Marx for understanding nature-society relations are 'labor', 'accumulation', 'contradiction' and 'crisis'. Briefly explain each of the four concepts. 6 marks
(1.5 marks for each of the 4 concepts)