

Comprehensive Examination

Birla Institute of Technology and Science, Pilani

GS F212 –Environment, Development and Climate Change

(Total Marks: 40, 3 hours)

Part A

Objective type questions (1*10=10). Write your response (a, b, c or d) in the answer sheet. Do not strike or over-write.

1. Chico Mendes was killed during the _____. []
 - a. Christmas of 1978
 - b. Christmas of 1988
 - c. Christmas of 1987
 - d. None of the above
2. By the end of _____ Brazil was one of the world's most indebted countries. []
 - a. 1950s
 - b. 1960s
 - c. 1970s
 - d. None of the above
3. Ernest Hackel wrote his famous work on _____. []
 - a. History of Creation
 - b. Ecology and Creation
 - c. Environmental History
 - d. The History of Ecology
4. Environmental Sociology has its roots in _____. []
 - a. Rural Sociology
 - b. Urban Sociology
 - c. Human Ecology
 - d. All of the above
5. Environmental Sociology is defined as 'material embeddedness of Social life' by _____. []
 - a. Ernest Hackel
 - b. Bina Agarwal
 - c. Micheal Bell
 - d. Frederick H. Buttell
6. The Vienna Convention for the Protection of the Ozone Layer happened in the year _____. []
 - a. 1983
 - b. 1984
 - c. 1985
 - d. None of the above
7. Ecofeminists like Francois d'Eaubonne argue that the mutual domination of nature and women leads to environmental destruction and _____. []
 - a. Climate Change
 - b. Deforestation
 - c. Gender inequality
 - d. None of the above
8. Bina Agarwal's *Cold Hearths and Barren Slopes* is a true account of _____. []
 - a. Ecofeminist
 - b. Development
 - c. Feminist
 - d. None of the above

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9. 'Essay on the Principle of Population' is written by _____. []
- | | |
|-------------------|----------------------|
| a. Garrett Hardin | b. Amartya Sen |
| c. Robert Malthus | d. None of the above |
10. Conservative paradigm has _____ as the second order consequence. []
- | | |
|----------|----------------------|
| a. Power | b. Culture |
| c. Class | d. None of the above |

Short answer questions (100-150 words): Choose any 5 questions (5*2=10).

11. Explain the concept of Human Ecology.
12. Explain the Ecofeminist account of deforestation.
13. Explain the 'Love Canal' incident, and discuss its significance for the environmental awareness of US society .
14. Discuss Robert Malthus's theory on population growth?
15. Elaborate on the concept of retarding lead and explain who provided it and why?
16. Discuss the first, second and third world classifications with examples.

Part-B

Essay questions (500-600 words, 10*2=20): Questions 17(a) and 17(b) are close-book; and questions 18(a) and 18(b) are open book. Open book answer is to be written on a separate sheet.

- 17 (a). Elaborate the 5 roots of Environmental Sociology with examples.

(or)

- 17 (b). Explain the three major sociological paradigms (Conservative, managerial and radical) of framing environmental destruction.

- 18(a). Explain the concept of the North-South divide with a discussion on its implications, and explain the emergence of the path to Sustainable Development.

(or)

- 18(b). Discuss the focal points of Earth Summit and list its success and failure of the Earth Summit?