

2012

M.Sc. Part-II Examination

ENVIRONMENTAL SCIENCE

PAPER—VII

Full Marks : 100

Time : 4 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Answer Q. No. 1 and any five questions from the rest.

1. Answer any ten questions : 2×10

- (i) Mention the year in which Bio-diversity Act was passed and also mention the year in which Environment (Protection) Act was passed.
- (ii) What is NBA ?
- (iii) What is Garbage ?
- (iv) What is hazardous waste ?

(Turn Over)

- (v) Mention any two disadvantages of incineration.
 - (vi) What is sanitary land fills?
 - (vii) Mention the composition of biogas.
 - (viii) What is full form of OFDA?
 - (ix) How the quantitative risk assessment is expressed?
 - (x) What is the full form of GIS?
 - (xi) What is the full form of BNHS?
 - (xii) Mention any two effects of gammaray.
 - (xiii) What is National Focal Point?
 - (xiv) What is the 'logo of eco mark'?
 - (xv) What is Public Interest Litigation?
 - (xvi) What is pressure group?
2. Discuss in brief about the concepts and principles of deep ecology. 16
 3. Discuss in brief about objectives, mechanism and criteria of eco-mark scheme. 16
 4. What is Kyoto Protocol? Discuss the current state of implementation of such protocol in India. 16

5. Discuss in brief about the basic principles of environmental protection contained in the Indian Penal Code. 16
6. Discuss about major national measures for environment protection in India. 16
7. Mention various methods of solid waste disposal and their merits and demerits. 16
8. Discuss in brief about definition and distinct nature of Public Interest Litigation. 16
9. Write a notes on any *four* of the following : 4×4
- (a) Hammer mills.
 - (b) Green Bench.
 - (c) Eco-feminism.
 - (d) Man and Biosphere programme.
 - (e) Solar energy.
 - (f) Environmental Information.

10. Discuss in brief about ENVIS network and objectives of ENVIS.

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