

Subhas
Kulkarni

2011

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 of the following : 2×10

- (i) What are toxic pollutants?
- (ii) Mention any two advantages of incineration.
- (iii) Mention any two components of sustainable development.

(Turn Over)

- (iv) What is ecosystem?
- (v) Mention any two measures taken by the Govt. of India to overcome problem of soil pollution.
- (vi) What is environmental information?
- (vii) Mention any two objectives of Ecomark scheme.
- (viii) Define Environmentalism.
- (ix) What is bioindicator?
- (x) Define renewable resource.
- (xi) What is National Park?
- (xii) What is red data book?
- (xiii) What are incinerable Biomedical wastes?
- (xiv) What is full form of PIL?
- (xv) What is full form of PBR?
- (xvi) What is Ecomark?

2. Discuss in brief about the recommended treatment options of different bio-medical wastes. 16

3. Write an essay on non-conventional energy resources. 16

- 4. Write an essay on contemporary environmental issues of India. 16
- 5. Discuss in brief about objectives and principles of the National Environmental Policy of India. 16
- 6. Discuss in brief about objectives, structure working language and services / products of INFOTERRA. 16
- 7. Write notes on any four of the following : 4×4
 - (a) Environmental movement ;
 - (b) Ecomark logo ;
 - (c) Public interest litigation ;
 - (d) Wet land ;
 - (e) Watershed management ;
 - (f) Deforestation.
- 8. Define Disaster. Write the steps involved in disaster management. Discuss the disaster management policy of India. 2+6+8
- 9. What is IPCC ? State its functions with respect to global environmental protection. 6+10

10. State the current state of Industrial pollution control in India after the imposition of Environmental Acts and rules.

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Kumar
Prakash
11/10/11