

2013

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

(a) What is bioindicator ?

(b) What is green tribunal ?

(c) What is industrial ecology ?

(d) What is global environmental monitoring ?

(e) What is 'Envis' ?

(Turn Over)

- (f) What are the principles of waste management?
- (g) What is compensatory afforestation?
- (h) What is biomedical waste?
- (i) What is MAB?
- (j) What is sewage?
- (k) What is biodiversity — hotspot?
- (l) State the differences between agricultural waste and hospital waste.
- (m) What is Ramsar site? Mention an example of Ramsar site in West Bengal?
- (n) What do you mean by environmental monitoring?
- (o) Mention any two methods of Disaster Management.
2. What is biomonitoring? Discuss its merits & limitation. 4+12
3. Discuss the Municipal solid waste management system in India. 16
4. What is disaster? Discuss the Disaster management plan with reference any coastal project. 4+12

5. Discuss the salient features of Environment (Protection) Act 1986? 16
6. Discuss the role of Environmental pressure groups & NGOS in Environmental protection in India. 16
7. Critically discuss the role of UNEP on the global environmental protection? Discuss the current state of Kyoto protocol. 16
8. What is CBD? Discuss the current state of CBD implementation in India. 4+12
9. "Waste is a misplaced resource" — discuss. 16
10. Discuss the provision in constitution of India regarding environment. What are the protected area as per Wild Life (Protection) Act 1972? 8+8