

2016

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 from the following : 10×2

- (i) What is e-waste?
- (ii) What is public hearing?
- (iii) What is National Green Tribunal?
- (iv) What is Kyoto Protocol?
- (v) What is CBD?

(Turn Over)

- (vi) Mention the steps of risk assessment as proposed by Kates and Kasperson in 1983.
- (vii) What is ISO 14000 ?
- (viii) What is compensatory afforestation ?
- (ix) What is the full form of UNCED ?
- (x) What is sustainable agriculture ?
- (xi) What is Marine Protected Area ?
- (xii) Mention the sections of Indian Penal Code which contain basic principles of Environment Protection.
- (xiii) Mention the purposes for which a person may be granted permission to enter or reside in a sanctuary ?
- (xiv) Mention the year of enactment of The Public Liability Insurance Act and state the reasons for such enactment ?
- (xv) What is environmentalism ?
2. What is biological monitoring of environmental quality ?
Discuss water quality biomonitoring procedures ? 6+10

3. Critically discuss the method adopted for handling, disposal and management of Biomedical wastes in India. 16
4. Discuss the steps involved in disaster management with special reference to Cyclone. 16
5. Discuss in brief about concepts and aspects of 'Green Politics'. Add a note on the mandates on 'Green Bench'. 11+5
6. Discuss the salient features of the Wildlife (Protection) Act, 1972. What are relevance of Wildlife schedules as per above act ? 12+4
7. What is Environmental Information system (ENVIS) ? Discuss the objectives and current status of Envis network in India. 2+4+10
8. Discuss in brief about the objectives and the principles of National Environment Policy. 4+12
9. Enlist major International Environmental Issues. Briefly discuss on steps taken to combat all those problems. 6+10

10. Write notes on any *two* of the following : 2×8

(i) Recycling of agriculture wastes.

(ii) Geographical Information System.

(iii) Ozone depletion.

(iv) Ecofeminism.
