

2017

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) Environmental monitoring.
- (ii) Bioindicator.
- (iii) Sustainable agriculture.
- (iv) Composition municipal solid waste.
- (v) Environmental pressure group.

(Turn Over)

- (vi) National Green Tribunal.
- (vii) PBR.
- (viii) Industrial siting guideline.
- (ix) Ozone depletion.
- (x) Wildlife schedule.
- (xi) Ramsar site.
- (xii) Eco-labeling.
- (xiii) Environmental refuge.
- (xiv) GIS.
- (xv) Air pollution index.
2. Critically describe provision in Constitution of India, regarding Environment. 16
3. Write notes on any two of the following : 2×8
- (i) Public interest litigation.
- (ii) Compensatory afforestation.
- (iii) Tiger reserves of India.

4. Write down the salient features of hazardous waste management and handling rules, 1989. 16
5. Justify the significance of Environmental monitoring of wetlands. 16
6. Write 3-R principles of industrial waste management with a suitable example. 16
7. Discuss the steps involved in disaster management with special reference to Earthquake. 16
8. What is resource? What are the steps involved in water resource management. 2+14
9. Discuss the salient features of Wildlife (Protection) Act, 1986. Distinguish in details the difference between national park and sanctuary. 10+6
10. Discuss the major environmental issues in India. What is the role of NGO's in combating the environmental issues? Discuss with brief examples. 6+10

