2014

M.Sc. Part–I Examination

ENVIRONMENTAL SCIENCE

PAPER—IV

Full Marks : 100

Time : 4 Hours

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

Candidates are required to give that 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* of the following :   2×10

   (i)   What is Audit Protocol ?

   (ii) What is Environment Management Plant ?

   (iii) What is ISO 14000 ?

   (iv) What do you mean by secondary environmental data ?

(Turn Over)

(v) What do you mean by the term landuse ?

(vi) What do you mean by TOR in EIA ?

(vii) What is CRZ ?

(viii) State two objectives of Environmental audit.

(ix) State the purpose of baseline data collection in EIA.

(x) What is eco-sensitive zone ?

(xi) What is SEZ ?

(xii) What is Environmental Monitoring ?

(xiii) What is corporate social responsibility ?

(xiv) What is cost benefit analysis ?

(xv) What is energy-audit ?

Answer any five from the following questions :

2. What is the significance of biotic impact assessment ? Describe in detail the various impact assessment methodologies ?

6+10

3. How sustainable landuse could be linked to environmental conservation ? Describe in detail the land use policy of India.

6+10

4. Write in detail the stages of cost benefit analysis. Why cost benefit analysis of major projects are necessary ?

4+12

5. Write a note on types of Environmental Impact Assessment. Describe the public consultation step of EIA notification 2006 ?

6+10

6. How urban environmental problems are valued. Describe in detail the environmental planning for sustainable urban development ?

4+12

7. Describe in detail concepts strategies of sustainable development. Write a note on Environmental Priorities of India.

8+8

8. What do you mean by restoration and rehabilitation technologies ? Write a note on restoration and rehabilitation technologies in the context of forests.

6+10

9. What is environmental prediction ? Discuss the conditions of environment of an industrial area and comment on the scope of its improvement.

16

———