C/16/D.D.E./M.Sc./Part-I/Env.Sc./2

2016

M.Sc. Part–I Examination

ENVIRONMENTAL SCIENCE

PAPER—II

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* from the following : 2×10

(i) What is meant by Eco-Tourism ?

(ii) What is the significance of environmental ethics ?

(Turn Over)

(iii) Enlist the sources of methanes.

(iv) Identify the significance of Biodiversity.

(v) What is the role of KSSP?

(vi) What is the significance of urban ecology?

(vii) What are the major components of fly ash?

(viii) What is the function of rainwater harvesting?

(ix) What is the nature of Alkaline soil?

(x) What is usar soil?

(xi) What is HIV?

(xii) What is water crisis?

(xiii) What are the characteristics of 'Narmada Banchao Andolon'?

(xiv) Define soil profile.

(xv) What are the components of 'bio-gas'?

2. Elucidate the impact of global warming on the coastal and marine environment. 16

3. What is the necessity of wetland conservation ? Explain the effect of water crisis on the human society. 8+8

4. Write short notes on : 8+8

(a) The role of Media in environmental education ;

(b) Effect of River Linking process.

5. Explain the process of soil degradation. Briefly discuss the procedure of soil conservation with examples. 8+8

6. Discuss the methods of waste land reclamation. Identify the causes and types of desertification. 8+4+4

7. What is Ozone layers depletion ? How far the environmental movements can prevent the degradation of environment ? 6+10

8. Briefly describe the sources and effects of arsenic pollution in the ground water of Eastern Bengal. 16

9. Discuss the life cycle of Malaria parasite and its relation with environment. Why vehicular pollution status plays significant role in urban pollution of Indian cities? 8+8