

BUMS I-PROFESSIONAL SUPPLEMENTARY EXAMINATION 2012

Paper-ES-01

Environmental Studies

Library copy

Time: Three Hours

Maximum Marks: 75

(Write your Roll No. on the top immediately on receipt of this question paper)

Attempt all questions. All questions carry equal marks.

1. Write short notes on any FIVE: (3 x 5 = 15)
 - A. Green house gases
 - B. Solid waste management
 - C. Biosphere
 - D. Renewable energy sources
 - E. Ecological web
 - F. Ozone hole
 - G. Intellectual property rights

2. Describe the structure and function of grassland ecosystem. (15)

OR

Write in details about the hydrological cycle.

3. Write the causes, effects and control measures of air pollution? (15)

OR

Write a brief note on preventive measures for noise, water and soil pollutions.

4. Write in brief about in-situ and ex-situ conservation of biodiversity. (15)

OR

Describe the whole mechanism of ecological succession.

5. Comment on any THREE. (5 x 3 = 15)
 - (i) Dams-benefits and problems
 - (ii) Hot-spot of biodiversity in India
 - (iii) Indicator species
 - (iv) Ecotourism
 - (v) Wasteland reclamation