

Total number of printed pages-3

52/51 (2) ENV-AE-2014

2024

ENVIRONMENTAL STUDIES

Paper : ENV-AE-2014

Full Marks : 80

Time : Three hours

The figures in the margin indicate full marks for the questions.

1. What do you mean by sustainable development? Discuss about the 'three pillars' of sustainability. 2+6=8
2. What are the scopes of environmental studies? Explain it in details. 8
3. What do you mean by deforestation? Write about the consequences of deforestation. 2+6=8
4. What are the values of Biodiversity? Explain it. 8

Contd.

5. What are greenhouse gases? Discuss how does such gases relate to global warming. Write about the different effects of global warming on environment. 1+3+4=8

6. Write about food chain and food webs. Discuss their significance. 6+2=8

Or

What do you mean by population explosion? What are the various consequences of population explosion? 2+6=8

7. Explain the role of Information and Technology to create awareness among the masses for the protection of the environment. 8

Or

What is eutrophication? Write about the causes of water pollution. 2+6=8

8. What is soil erosion? What are the causes of soil erosion and how can it be controlled? 1+4+3=8

Or

Write about the different components of ecosystem. 8

9. What do you mean by man-wildlife conflicts? What are the reasons of it and how can it be solved? 1+3+4=8

Or

What is mining? What are the effects of mining on environment? What are the measures to mitigate mining problem? 1+4+3=8

10. Write short notes on : **(any two)** 4×2=8

(a) Indoor pollution

(b) Air pollution

(c) Wildlife Protection Act, 1972

(d) Carbon Cycle

(e) Acid Rain