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(February)

ENVIRONMENTAL SCIENCE

(Honours)

[EVS-111]

(Concepts and Components of Environment)

Marks : 56

Time : 3 hours

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

Answer **four** questions, taking **one** from each Unit

UNIT—I

1. What is environment? Discuss the scope and multidisciplinary nature of Environmental Science. 2+5+7=14
2. What is the need for environmental awareness? Discuss man-environment relationship in the present scenario. 4+10=14

UNIT—II

3. Discuss the structure of the atmosphere. What are lapse rate and inversion of temperature? 6+4+4=14
4. Write short notes on the following : 7×2=14
 - (a) Weather and climate
 - (b) El Nino and La Nina

UNIT—III

5. Write short notes on any *two* of the following : 7×2=14
 - (a) Internal structure of the earth
 - (b) Metamorphic rock
 - (c) Continental drift theory
6. Give an account of the distribution of water on earth. Describe the zonation of marine ecosystems. 7+7=14

UNIT—IV

7. What is a biome? Briefly discuss about the different types of biomes. 2+12=14
8. Briefly describe the factors affecting species distribution. Write notes on endemic species and ecological barriers. 6+8=14

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