

Total No. of Questions : 4]

SEAT No. :

PE-3133

[Total No. of Pages : 4

[6501]-501

F.Y. B.A./B.Sc./B.Com.

ENVIRONMENTAL SCIENCE

VEC-101-T : Environment Education - I

(2024 Pattern) (Semester - I)

Time : 2 Hours]

[Max. Marks : 30

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Illustrate your answers with neat diagram wherever necessary.

Q1) Solve any five MCQ from the following :

[5]

- i) Cultural ecosystem services refers to _____.
 - a) Soil formation
 - b) Spiritual, aesthetic and recreational values
 - c) Nutrient cycling
 - d) Water purification
- ii) Which of the following human activities is a major cause of transboundary air pollution?
 - a) Local composting
 - b) Industrial emissions
 - c) Afforestation
 - d) Water harvesting
- iii) Which of the following is a metallic mineral?
 - a) Coal
 - b) Iron ore
 - c) Lime stone
 - d) Salt
- iv) Which period witnessed rapid industrial growth and environmental pollution?
 - a) Renaissance
 - b) Industrial revolution
 - c) Middle ages
 - d) Stone age
- v) Population growth mainly led to -
 - a) Less use of resources
 - b) Natural resource exploitation
 - c) Reduction in waste
 - d) Forest conservation

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- vi) Which activity causes soil degradation?
 - a) Afforestation
 - b) Over grazing
 - c) Crop rotation
 - d) Organic farming
- vii) Anthropocentric perspective focuses on -
 - a) Nature's intrinsic value
 - b) Human centered benefits
 - c) Rights of animals
 - d) Ecological balance

- Q2) a) Solve any two of the following :** [5]
- i) Explain the types of water resources with suitable examples.
 - ii) Define deforestation and discuss how it affects the environment as well as human society.
 - iii) What are the major services provided by biodiversity?
- b) Solve the following :** [3]
- Differentiate between local, regional and global environmental issues with examples?

- Q3) a) Solve any two of the following :** [5]
- i) Describe the impact of industrial revolution on the environment?
 - ii) Describe the various uses of mineral resources.
 - iii) Explain the different levels/types of biodiversity with suitable examples.
- b) Solve the following :** [4]
- What are the wildlife sanctuaries? How do they contribute to species protection?

- Q4) Solve any four of the following :** [8]
- a) What was the main aim of the United Nations conference on the human and environment?
 - b) Write importance of solar energy.
 - c) What is mean by community based conservation of biodiversity?
 - d) Write meaning of sustainable development?
 - e) What are the impacts of climate change?
