

Roll No.

Total Pages : 03

353207

May 2024

B.A. (Social Work) (Second Semester)

Environmental Science-I (VAC-EVS-I)

Time : 3 Hours]

[Maximum Marks : 75

Note : It is compulsory to answer all the questions (1.5 marks each) of Part A in short. Answer any *four* questions from Part B in detail. Different sub-parts of a question are to be attempted adjacent to each other.

Part A

1. (a) Name three renewable sources of energy. **1.5**
- (b) What is acid rain ? **1.5**
- (c) Why are wetlands important ? **1.5**
- (d) Differentiate between renewable resources and non-renewable resources. **1.5**
- (e) Give three examples of hazardous waste. **1.5**
- (f) How is anthropocentric thoughts different from eco-centric one ? **1.5**

- (g) Why were early humans called hunter-gatherers ? 1.5
- (h) What do you understand by Coastal Regulation Zone ? 1.5
- (i) Define sustainable development. 1.5
- (j) When and where was Ramsar Convention held ? 1.5

Part B

2. (a) What are the major threats to biodiversity ? Write about its impact. 10
- (b) Explain In-situ Conservation. 5
3. (a) Explain causes and impact of any *one* Natural disaster. 5
- (b) What are the sources and effect of water pollution ? 10
4. What are Sustainable Development Goals ? Explain any *three* goals related to environment in detail. 15

5. Write short notes on any *three* of the following : 5×3=15
- (a) Microbes as a resource.
- (b) Environmental impact of water scarcity and stress.
- (c) Solar energy.
- (d) Soil degradation.
6. (a) Explain the impact of deforestation and urbanisation on environment. 10
- (b) What do you understand by microscale, mesoscale, synoptic scale and planetary scale ? Where are these scales used ? 5
7. Write short notes on any *three* of the following : 5×3=15
- (a) Acid rain
- (b) Indic knowledge and culture of sustainability
- (c) Ecosystem services
- (d) Man-made disasters.