(For Regular 2021 Admission and Supplementary 2020/2019 Admissions)

Time : Two Hours

## PART A Answer any 5 (2 marks each)

- 1. Define in-situ and ex-situ conservation measures of biodiversity.
- 2. List the different organisations that have led to environmental protection in our country.
- 3. Define Indian Wildlife Protection Act.
- 4. Describe the various underlying factors of malnutrition.
- 5. What are renewable and non-renewable resources?
- 6. What is deforestation?
- 7. What is meant by human rights?
- 8. What are the causes of water pollution?

(2 x 5 = 10)

## PART B Answer any 4 (5 marks each)

- 9. What are hotspots of biodiversity? Explain their significance in conservation of biodiversity.
- 10. What is Climate Change? Explain the effects of climate change.
- 11. Briefly explain how different types of pollutions affect biodiversity.
- 12. Discuss the extent of effectiveness of Family Welfare Programmes in Controlling population growth.
- 13. Being a graduate student, how do you enlist the importance of environmental studies?
- 14. Define sustainable development. Why do we have to move from unsustainable to sustainable development?

(5 x 4 = 20)

## PART C

## Answer any 2 (10 marks each)

- 15. What is pollution? Describe the different types of pollutants, pollution and controlling measures.
- 16. "Tribal communities are totally dependent on forest ecosystem" Do you agree with the above statement? Explain
- 17. If you are invited to explain the levels of biodiversity to a conservation community, how will you address it?
- 18. Explain rights for children and women, scheduled castes, scheduled tribes, other backward castes and minorities according to Indian Constitution.

 $(10 \times 2 = 20)$ 

Max. Marks: 50