**ST. JOSEPH’S COLLEGE (AUTONOMOUS), BENGALURU -27**

Registration Number:

Date & Session14-12-2021 (9am)

**B.A./ B.Sc. ECONOMICS– V SEMESTER**

**SEMESTER EXAMINATION: OCTOBER 2022**

**(Examination conducted in December 2022)**

**ECA/ECS DE 5218: Environmental Economics**

**Time: 2 ½ Hours Max Marks: 70**

**This paper contains 1 printed page and 3 parts**

**PART-A**

1. **Answer any 10 of the following 3X10=30**
2. State any three services of the environment.
3. What is resource economics?
4. Define sustainable development.
5. Distinguish between biocentrism and anthropocentrism.
6. Explain the concept of the “cap and trade” mechanism.
7. Briefly explain the environmental Kuznets curve.
8. What is the “polluter pays” principle?
9. List any three environmental challenges due to the rising population.
10. What is climate change?
11. List any three causes of water pollution.
12. Write a short note on the 3 Rs.
13. Give a gist of the concept of “limits to growth”.

**PART-B**

1. **Answer any 2 of the following 5X2=10**
2. Discuss the definition and scope of environmental economics.
3. Briefly explain the model for sustainable extraction of renewable resources.
4. Discuss the causes of market failure in the context of the environment.

**PART-C**

1. **Answer any 2 of the following 15X2=30**

1. Discuss any two environmental challenges faced by India. Suggest remedial measures for these challenges.
2. Examine the problem of externality in the context of the environment. Discuss the solutions for the externality problem.
3. Explain the material balance framework.