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

**VI SEMESTER EXAMINATION: APRIL – 2018**

**B.Sc. – ENVIRONMENTAL SCIENCE**

# ES 6115: Environmental Economics, Sustainable

# Development and Entrepreneurship Development

**Time : 2 ½ hours                                                        Maximum marks: 70**

## This paper contains one printed sides and three parts.

## Instruction: Draw diagrams wherever necessary.

 **PART- A**

**Answer any ten questions. 10x2=20**

1. Define Environmental Economics.

2. What is carrying capacity?

3. What is meant by a common property resource?

4. What is positive externality? Give an example.

5. What is an innovation? Give an example.

6. State the theory of diminishing returns.

7. What is known as a BOOT Model?

8. What is virtual water?

9. What is biomass energy?

10. Why is the shifting cultivation harmful to soil?

11. How does the Eucalyptus tree affect the water table?

12. Who is an intrapreneur?

 **PART- B**

**Write explanatory notes on any four of the following. 4x5=20**

13. Ecological Footprint

14. Cob web model of a market trend

15. Tragedy of Commons

16. Agroforestry

17. Solar Energy

18. Types of Entrepreneurs

**PART- C**

**Answer the following. 3x10=30**

19. Analyse the impact of negative externalities on market inefficiency with a suitable case study.

 **OR**

 Explain the cost benefit analysis with a suitable case study.

20. Explain the market models for the control of water pollution in India.

 **OR**

 Discuss the various options available for sustainable transportation in India.

21. Discuss the various options available to sustain Indian agriculture.

 **OR**

 What is the virtuous cycle of green entrepreneurship? Narrate two case studies of Environmental

 entrepreneurship.