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

Register Number:

**Date: 22-04-2019**

**B.Sc. ENVIRONMENTAL SCIENCE – VI SEMESTER**

**SEMESTER EXAMINATION: APRIL 2019**

**ES 6115: ENVIRONMENTAL ECONOMICS, SUSTAINABLE DEVELOPMENT AND ENTREPRENEURSHIP DEVELOPMENT**

**TIME: 2½ HOURS MAX MARKS: 70**

**This question paper comprises of 3 parts and ONE printed page**

**Instruction: Draw diagrams wherever necessary**

 **PART- I**

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

1. Define Environmental Economics

2. What is sustainable development?

3. Compare and contrast between a free good and an economic good.

4. What is carrying capacity of the earth?

5. State the Malthusian Theory of population.

6. Depict Maslow’s hierarchy of needs.

7. What is BOOT Model?

8. Define Agroforestry.

9. What is Jhum cultivation?

10. What are the functions of an entrepreneur?

11. Differentiate invention and innovation with an example.

12. Differentiate an entrepreneur and entrepreneurship.

 **PART- II**

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

13. Concept of entropy

14. Tragedy of Commons

15. Curitiba – A Model Ecocity

16. Ecological footprints

17. Theory of diminishing return

18. Qualities of an entrepreneur

## PART- III

**Answer all questions. 3x10=30**

 19. Analyze the impact of negative externalities on market inefficiency with a

 suitable case study.

**OR**

 Explain the market models for the control of Water Pollution in India.

20. Discuss the various options available to sustain Indian Agriculture.

 **OR**

 What are the sustainable sylvicultures to increase green belt in India?

21. Discuss the various sustainable energy options available in India.

 **OR**

 What is the virtuous cycle of an ecopreneur? Discuss any three case

 studies of green entrepreneurship.

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