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

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

**SEMESTER EXAMINATION: APRIL 2023**

**(Examination conducted in May 2023)**

**ES6118 – ENVIRONMENTAL ECONOMICS, SUSTAINABLE DEVELOPMENT AND ENTREPRENEURSHIP DEVELOPMENT**

**Time: 2 ½ Hours Max Marks: 70**

**This paper contains two printed pages and three parts**

**PART-A**

**Answer any ten questions 10X2= 20**

1. Define Ecological Economics.
2. Define sustainable development.
3. Mention the ecosystem services.
4. Differentiate synergy and trade off.
5. What is an assimilatory capacity of an environment?
6. Differentiate low and high entropy.
7. What is clean development mechanism?
8. Mention the four dimensions of sustainable development.
9. What are impact indicators of sustainable development?
10. What is polluter pays principle?
11. Differentiate Innovative and Fabian entrepreneur.
12. What is Schumpeter’s view of innovation?

**PART- B**

 **Write explanatory notes on any four 4X5= 20**

1. CETP and BOOT Model
2. Carbon Credit
3. Characteristics of a good indicator of Sustainability
4. Green Bonds
5. Ecological Footprint
6. Qualities of Entrepreneurs

**PART- C**

 **Answer all questions 3X10 =30**

1. Explain the Cost Benefit Analysis with the help of a case study.

**OR**

Explain the price based and quantity based economic models in pollution control.

1. Give a detailed account of carbon offsetting.

**OR**

Explain the Payments for Ecosystem Services.

1. With the help of SWOT analysis, give an account of the traits of women entrepreneurs.

 Mention the funding agencies available for women entrepreneurs in India. (7+3)

**OR**

“There are myriad opportunities for ecopreneurs in India”. Substantiate with suitable case studies.