



Register Number:

DATE: 23-11-2020

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE-27

B.A. ECONOMICS- V SEMESTER

SEMESTER EXAMINATION: NOVEMBER 2020

ECA DE 5218: ENVIRONMENTAL ECONOMICS

Time: 2.5 Hours

Maximum Marks-70

This question paper has 1 printed page and 3 parts

Part A I. Answer any TEN of the following:

3X 10=10

1. Distinguish between a stock and a flow resource
2. Describe the two laws of thermodynamics
3. State the two functions of the environment in the materials balance model
4. Distinguish between a positive and negative externality
5. What is a public good?
6. Differentiate between a market and command and control measure for environmental protection?
7. Differentiate between renewable and non-renewable sources of energy
8. State any three activities that cause deforestation
9. What are the two non-economic values of the environment?
10. Who is a free rider?
11. What are the three R's?
12. What is the travel cost method of environmental valuation?

Part B II. Answer any two of the following:

5x 2=10

13. Discuss how the Coase theorem can be used to internalize an externality
14. Discuss the materials balance model
15. What is meant by cost benefit analysis?

Part C III . Answer any two of the following:

15 X 2=30

16. What are the causes and consequences of deforestation?
17. Discuss the need for environmental valuation and the various values that the environment can provide?
18. Discuss the concept of externalities and the various measures (both command and control and market based) that can be used to internalize the externality

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