



Register Number:

DATE: 23-10-2019

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BENGALURU – 27
B.Sc. ENVIRONMENTAL SCIENCE – I SEMESTER
SEMESTER EXAMINATION: OCTOBER 2019
ES – 118: DIVISIONS OF THE ENVIRONMENT

TIME: 2½ HOURS

MAX MARKS: 70

This question paper comprises of 3 parts and one printed page

Instruction: Draw diagrams wherever necessary

PART – A

Answer any ten of the following

10X2 = 20

1. What is the goal of environmental education?
2. Define Cryosphere.
3. What is magnetosphere?
4. What is Earth's albedo?
5. Mention the effects of urban heat islands.
6. Mention the impacts of tropical cyclones.
7. Compare conduction and convection.
8. Compare a lentic and lotic systems.
9. Differentiate Potomon and Rhithron.
10. Differentiate ocean currents and tides.
11. Provide the types of wells.
12. Provide a classification of soils.

PART – B

Write explanatory notes on any four of the following

4X5 = 20

13. Evolution of atmosphere
14. Differences between weather and climate
15. Global dimming and its implications
16. El-nino effect
17. Salinity status of the marine environment
18. Soil profile

PART – C

Answer all the questions

3X10 = 30

19. Write elaborate notes on the thermal stratification of the atmosphere

OR

Write elaborate notes on the types of lifting and precipitation.

20. Give an account of the thermal stratification of lentic systems.

OR

Give an account of the internal structure of the earth.

21. Present an account of the causes, types and the impacts of volcanoes.

OR

Present a detailed account of types of igneous rocks.