

TM211450TR

Reg. No : .....

Name : .....

**M. Sc. DEGREE (C.S.S.) EXAMINATION, NOVEMBER 2021**  
**[ 2021 Admissions Regular and 2020 Admissions Improvement & Supplementary ]**  
**SEMESTER I - CORE COURSE ( RESOURCE MANAGEMENT AND INTERIOR DESIGNING )**  
**RM1C02TM20 - ENVIRONMENT AND SUSTAINABLE RESOURCE MANAGEMENT**

**Time : 3 Hours**

**Maximum Weight : 30**

**Part A**

**I. Answer any Eight questions. Each question carries 1 weight**

**(8x1=8)**

1. Enumerate the impact of burning plastic waste.
2. How is photo chemical smog formed?
3. What are CFCs?
4. What is Chipko movement?
5. Explain the working of a Solar still.
6. Comment on the advantages and disadvantages of LPG as household fuel.
7. Bring out the importance of rain water harvesting.
8. Define potable water.
9. What are hazardous waste ?
10. Differentiate sewage and sullage.

**Part B**

**II. Answer any Six questions. Each question carries 2 weight**

**(6x2=12)**

11. Bring out the inter relationship between population, development and environment.
12. Enumerate any 5 life style changes for creating sustainable environment.
13. Elaborate the social movements as an en-route for better environment.
14. Comment on the direct use of solar energy for household purpose.
15. Distinguish between renewable and non renewable energy sources, with suitable examples.
16. Bring out the effects of overuse of ground water.
17. State the characteristics of hazardous waste. Discuss on the effective management of hazardous waste.
18. Define 'sullage'. Explain a suitable technique for disposing sullage.

**Part C**

**III. Answer any Two questions. Each question carries 5 weight**

**(2x5=10)**

19. Discuss the impact of pesticide pollution with special emphasis on Kuttanad and Kasargod area of Kerala.
20. Comment on the wise use of household fuel for future generation.
21. Discuss the various methods for home scale purification of water.
22. What is vermi-composting composting? Discuss the procedure of making vermi-compost and mention how it can be utilized.