21001223

21001223

Reg. No.....

Name.....

M.Sc. DEGREE (C.S.S.) EXAMINATION, NOVEMBER 2021

Fourth Semester

Faculty of Science

Branch VIII : Zoology-Elective-C-Environmental Science

ZY 4CE T02—ENVIRONMENTAL POLLUTION AND TOXICOLOGY

(2012 to 2018 Admissions—Supplementary/Mercy Chance)

Time : Three Hours | Maximum Weight : 30

Section A (Short Answer Type Questions)

Answer any **ten** *questions.*
Each question carries a weight of 1.

1. Define pollution.
2. What are air quality standards ?
3. Differentiate between combustion and condensation.
4. Comment on BOD.
5. What is toxicology ?
6. What is noise pollution ?
7. Define Threshold Limit Value.
8. What is a carcinogen ?
9. What are municipal solid wastes ?
10. Name any two. water borne or water related diseases.
11. What is meant by Graded Response ?
12. Comment on Bioassay.

(10 × 1 = 10)

Section B (Short Essay Type Questions)

Answer any **five** *questions.*
Each question carries a weight of 2.

13. What are the different types of pollution ?
14. What are the sources of water pollution ?
15. How radioactive decay and buildup contribute to atmospheric pollution ?

Turn over

16. Comment on the causes and consequences of thermal pollution ?

17. What are bio-indicators ?

18. Differentiate between bio-accumulation and biomagnification.

19. Write a short note on the toxic chemicals in the environment, with the help of examples ?

20. How is the advanced waste water treatment is carried out ?

(5 × 2 = 10)

Section C (Long Essay Type Questions)

Answer any **two** *questions.*
Each question carries a weight of 5.

21. List down and explain various rules established for solid waste management.

22. Comment on occupational toxicology- its causes, results and assessment of occupational hazards ?

23. Explain the causes and consequences of oil pollution.

(2 × 5 = 10)