

Roll No. :

Total No. of Questions : 16]

[Total No. of Printed Pages : 3

SEM-1028

M.Sc. (Ist Semester) Examination, 2022

ENVIRONMENTAL SCIENCE

Paper - FS-ENV-CC-104

(Environmental Pollution)

Time : 3 Hours]

[Maximum Marks : 40

The question paper contains three Sections.

Section-A

(Marks : 1 × 10 = 10)

Note :- The candidate is required to answer all the *ten* questions carries 1 mark each. The answer should not exceed **50** words.

Section-B

(Marks : 3 × 5 = 15)

Note :- The candidate is required to answer *five* questions by selecting at least *one* question from each Unit. Each question carries **3** marks. Answer should not exceed **200** words.

Section-C

(Marks : 5 × 3 = 15)

Note :- The candidate is required to answer *three* questions by selecting at least *one* question from each Unit. Each question carries **5** marks. The answer should not exceed **500** words.

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(1)

SEM-1028 P.T.O.

Section–A

1. (i) Which air pollutants cause acid rain ?
- (ii) What is global warming ?
- (iii) What is seepage oil ?
- (iv) What cause itai-itai disease ?
- (v) Write the factors responsible for soil erosion.
- (vi) What is synthetic fertilizer ?
- (vii) What is ocean acidification ?
- (viii) Write any *two* names of radioactive element.
- (ix) What is SPM ?
- (x) Give any *two* examples of hazardous insecticide.

Section–B

Unit–I

2. What are the anthropogenic source of air pollution ?
3. Write hazardous impact of air pollution on human health.
4. What are the methods used in controlling air pollution ?

Unit–II

5. How do you measure water quality ? Explain.
6. Discuss the source of marine pollution.
7. Describe the physico-chemical parameter of water quality analysis.

Unit–III

8. Describe the impact of noise on human health.
9. Discuss the management of solid waste generation.
10. What are the advantages and disadvantages of large scale exploitation of solar energy ?

Section–C

Unit–I

11. Write note on cause, monitoring, prevention and control of pollution.
12. Write a detailed note on air quality standards.

Unit–II

13. Describe the role of synthetic fertilizers in soil pollution.
14. Write note on physico-chemical and bacteriological sampling of soil quality.

Unit–III

15. Write short notes on the following :
 - (a) Radioactive waste
 - (b) Method of solid waste disposal
16. What are the sources of noise pollution ? Describe detailed account on effect of meteorological parameters on noise propagation.