

Roll No. :

Total No. of Questions : 16]

[Total No. of Printed Pages : 3

SEM2011

M.Sc. (IInd Semester) Examination, 2021

ENVIRONMENTAL SCIENCE

Paper - ES-203

(Environmental Legislation)

Time : 1½ Hours]

[Maximum Marks : 40

Note :- The question paper contains three Sections.

Section-A

(Marks : 1 × 10 = 10)

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

Section-B

(Marks : 3 × 5 = 15)

Note :- Answer *five* questions by selecting at least *one* question from each Unit. Each question carries **3** marks. Answers should not exceed **200** words.

Section-C

(Marks : 5 × 3 = 15)

Note :- Answer *three* questions by selecting *one* question from each Unit. Each question carries **5** marks. The answer should not exceed **500** words.

Section-A

1. Attempt all questions. Answers should not exceed **50** words in each question.

(i) What is ISO 14000 ?

(ii) Write full form of OHSMS.

BI-1628

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SEM2011 P.T.O.

- (iii) In which year the Environmental (Protection) Act was enacted ?
- (iv) What is Ecomark ?
- (v) Define ecological footprints.
- (vi) Write full form of EMAS.
- (vii) For life cycle assessment, which of the ISO 14000 series standards are applicable ?
- (viii) What do you mean by biomedical waste ?
- (ix) Draw flow chart of EMS process.
- (x) Write *two* benefits of environmental management system.

Section-B

Unit-I

- 2. Write short note on overview of ISO 14000 family.
- 3. Write short note on OHSAS 18001.
- 4. Write note on Auditing of EMI.

Unit-II

- 5. Draw light on Article 48A and 51A(g).
- 6. What do you know about wildlife (Protection) Act, 1972 ?
- 7. Write short note on Biological Diversity Act, 2002.

Unit-III

- 8. Define Hazardous Waste. Explain the Hazardous Waste (Management and Handling) Rules, 1989.
- 9. What is LCA ? Discuss.
- 10. Write note on scheme of labelling of eco-friendly products.

Section-C

Unit-I

11. Discuss in detail about key aspects of the International Standards ISO 14001.
What are benefits of having ISO standard ?

Or

12. Write comparison between EMAS, BS 7750 and ISO 14001 in detail.

Unit-II

13. Discuss in detail about Environmental (Protection) Act, 1986.

Or

14. What is Water Pollution ? Write a detailed note on the Act which covers the legislative accountability.

Unit-III

15. Illustrate the Public Liability Insurance Act, 1991.

Or

16. Discuss the Bio-Medical Waste (Management and Handling) Rules, 1975 with examples.