

Roll No. :

Total No. of Questions : 15]

[Total No. of Printed Pages : 3

SEME-410

M.Sc. (IVth Semester) Examination, 2022

ENVIRONMENTAL SCIENCE

Paper - ESEC-402 (a)

(Environmental Impact Assessment-II)

Time : 1½ Hours]

[Maximum Marks : 40

Note :- The question paper contains three Sections.

Section-A

(Marks : 1 × 10 = 10)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries **1** mark.

Section-B

(Marks : 3 × 5 = 15)

Note :- Answer any *five* questions by selecting at least *one* question from each Unit (Answer limit **200** words). Each question carries **3** marks.

Section-C

(Marks : 5 × 3 = 15)

Note :- Answer any *three* questions by selecting *one* question from each Unit (Answer limit **500** words). Each question carries **5** marks.

Section-A

1. Attempt all questions.

(i) What do you mean by 'Environmental Impact Assessment' ?

BI-251

(1)

SEME-410 P.T.O.

- (ii) What is EIA-report ?
- (iii) What is PDCA cycle of EIA review ?
- (iv) Define SIA.
- (v) Write *two* methods used for predicting social impacts of any developmental project.
- (vi) Write any *two* qualities of good EIA project manager.
- (vii) What is EMP ?
- (viii) Define EIA review.
- (ix) Give *two* examples of any shortcomings encountered in preparing EIA reports.
- (x) Write any *two* benefits of SIA.

Section–B

Unit–I

- 2. What is EMP ? Give brief account on it.
- 3. Write a note on the main elements of EIA report.
- 4. Define EIA review. Write short note on steps involved in EIA review.

Unit–II

- 5. Elaborate the concept and importance of decision making in EIA.
- 6. Write the roles and responsibilities of decision maker in EIA process.
- 7. What is EIA ? Sketch the flow chart of EIA process.

Unit-III

8. "EIA is a team work." Write note in support of the statement with examples.
9. What do you mean by SIA ? Write note on concept, role and purpose of SIA.

Section-C

Unit-I

10. Explain review of EIA. Write down the various steps involved in EIA review.
What are the methods of EIA review ? Discuss in detail.
11. What is Impact Management Plan ? Explain it with suitable examples.

Unit-II

12. Explain decision making. Why is it very necessary in EIA ? Explain guiding principle and elements of decision making.
13. Give a detailed account on aspects and issues needs to be considered in EIA implementation and follow up.

Unit-III

14. Define EIA Project Management. What are the responsibilities of Project Manager ? Discuss in detail.
15. Explain the Social Impact Assessment. What is the concept, role and purpose of SIA ? Elaborate about the benefits of SIA.