

B.Sc. 4th Semester (Honours) Examination, 2021-22

ENVIRONMENTAL SCIENCE

Course ID: 41815

Course Code: SH/ENV/405/SEC-2

Course Title: Environment Impact and Risk Assessment

Time: 1 hr 15 min.

Full Marks: 25

*The figures in the right hand side margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any five questions from the followings:

1 X 5=5

- a) Define environmental impact assessment.
- b) What is NEPA?
- c) In which year EIA started in India?
- d) What is the importance of project planning?
- e) Define toxicity assessment.
- f) What is hazard?
- g) Mention one use of EIA.
- h) What is environmental management plan?

2. Answer any two questions from the followings:

5 X 2 =10

- a) Write on rational and historical development of environmental impact assessment.
- b) What are the differences between EIA and SEA?
- c) What are the current issues in EIA?
- d) Explain human and ecological risk assessment.

3. Answer any one question from the followings:

10 X 1 =10

- a) Explain cost-benefit analysis. Discuss life cycle assessment. 4+6
- b) Discuss the EIA regulations in India. Illustrate the status of EIA in India. 5+5