

B.Sc. Semester-IV Examination, 2022-23**ENVIRONMENTAL SCIENCE [Honours]**

Course ID : 41815 Course Code : SH/ENV/405/SEC-2

Course Title : Environmental Impact and Risk Assessment

Time : 1 Hour 15 Minutes Full Marks : 25

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.***UNIT-I**1. Answer any **five** of the following questions:

1×5=5

- Define Environmental impact statement.
- What is environmental management plan?
- Give an example of Strategic Environmental Assessment.
- What is environmental planning?
- What is International Standard Organizations?
- What is EIA regulations?
- What is the main principle of environmental monitoring?
- What is ecological risk assessment?

*[Turn Over]***UNIT-II**2. Answer any **two** of the following: 5×2=10

- Discuss on impact identification and prediction.
- Discuss on environmental planning and environmental audit.
- What are the principles of International Standard Organizations?
- What is community involvement? Write on legal and regulatory framework in EIA.

UNIT-III3. Answer any **one** of the following: 10×1=10

- What is the concept of environmental impact assessment? Discuss the methodologies of EIA. 4+6
- Explain Cost-benefit analysis and Life cycle assessment. 5+5
