**ST JOSEPH’S UNIVERSITY, BENGALURU -27**

Registration Number:

Date & session:

**M.Sc. (ENVIRONMENTAL SCIENCE AND SUSTAINABILITY) – 2nd SEMESTER**

**SEMESTER EXAMINATION: APRIL 2024**

**(Examination conducted in May / June 2024)**

**ES 8322 – ENVIRONMENTAL IMPACT ASSESSMENT AND ENVIRONMENTAL AUDIT**

 **(For current batch students only)**

**Time: 2 Hours Max Marks: 50**

1. **This paper contains ONE printed pages and THREE parts**
2. **Draw diagrams wherever necessary**

**PART – A**

**Answer any FIVE of the following: 5q X 2m = 10m**

1. Compare Initial Environmental Examination and Full-scale EIA.
2. List the pillars of an EIA.
3. List the parameters to be considered in air impact assessment.
4. Differentiate Category-A from Category-B projects.
5. What is Cost-Benefit Analysis?
6. Compare pre-audit activities with post-audit activities.
7. List the activities of QCI.

**PART – B**

**Answer any FOUR of the following 4q X 5m = 20m**

1. Discuss the basic principles of an EIA.
2. Discuss the process of carrying out a public hearing in an EIA.
3. Comment on the types of impacts.
4. Explain the process of site selection for a sanitary landfill.
5. Comment on the process of environmental risk assessment.
6. Differentiate internal audits from external audits.

**PART – C**

**Answer ALL the questions 2q X 10m = 20m**

1. Develop a questionnaire with reference to socio-economic assessment of a proposed residential layout in a large city.

**OR**

Discuss any four methods of impact identification.

1. Considering a highway being constructed through existing towns, discuss the steps of an EIA.

**OR**

Develop a water audit protocol for St Joseph’s University.