

Anjuman Islam Janjira Degree College of Science
Murud-Janjira, Raigad-402401
Affiliated to University of Mumbai
As per NEP 2020

Class: -F.Y.B.Sc.(C.S.)	Subject: - VEC: Environmental management and sustainable development II
Semester: - II	Course code: -
Exam Event: - Summer 2026 (FH)	Marks: -30
Date: -17/3/2026	Duration: - 01 Hr.

- N.B. –**
- 1 – All questions have an internal choice.**
 - 2 – Figures to the right indicate full marks.**
 - 3 – Attempt any three questions out of four givens below. Each question carries 10 marks.**

Q1. Attempt any one questions out of the following two. 10

- a) Define noise pollution and explain its units of measurement. Discuss sources of noise pollution and evaluate its adverse effects on human health.

OR

- b) What is thermal pollution? Discuss its sources and analyze its impact on aquatic ecosystems and human health.

Q2. Attempt any one questions out of the following two. 10

- a) What is Life Cycle Analysis (LCA)? Discuss its stages and explain how it helps in sustainable product development

OR

- b) Explain the concept of Mission LiFE (Lifestyle for Environment). Evaluate its role in promoting sustainable living practices.

Q3. Attempt any one questions out of the following two. 10

- a) Discuss the main features of the The Water (Prevention and Control of Pollution) Act and the The Air (Prevention and Control of Pollution) Act. Analyze their role in pollution control.

OR

- b) Explain the objectives and important provisions of the The Wild Life (Protection) Act. Discuss its role in biodiversity conservation.

Q4. Attempt any one questions out of the following two. 10

- a) Design a comprehensive environmental action plan for your college campus incorporating tree plantation, biodiversity conservation, waste management, and water conservation strategies

OR

- b) Describe your field visit to identify a local/regional environmental issue. Present your observations, data collected, and suggest suitable remedial measures.