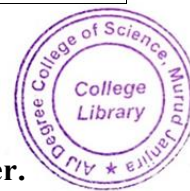


Anjuman Islam Janjira Degree College of Science Murud-Janjira, Raigad-402401 Affiliated to University of Mumbai As per NEP 2020	
Class: -F.Y.B.Sc (G.S)	Subject: - Major Zoology -Ecology and Biodiversity
Semester: - II	Course code: - MJ2
Exam Event: - Summer 2026 (FH)	Marks: -30
Date: - 14/03/2026	Duration: - 01:00 Hours

N.B:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Use of log-table/nonprogrammable calculator is allowed.
4. Answer for the same question as far as possible should be written together.



Attempt any two questions out of four.

Max. Marks 30

- Q. 1. Write short note on the following. 15 Marks**
- a. Explain the concept of food webs and its significance. 05
 - b. Describe the marine water ecosystem. 05
 - c. Man -Wild life conflict. 05
- Q. 2. Write a short note on the following. 15 Marks**
- a. Elaborate on the consumptive value of biodiversity. 05
 - b. Write a short note on genetic and ecosystem diversity. 05
 - c. Sex ratio. 05
- Q.3. Answer the following. 15 Marks**
- a. Describe ecological pyramids of biomass and energy. 08
 - b. Describe various methods used in Ex-situ conservation of biodiversity. 07
- Q.4. Answer the following. 15 Marks**
- a. What are the different methods for conservation of biodiversity. 08
 - b. Describe age structure of population & comment on its types 07