

Anjuman Islam Janjira Degree College of Science Murud-Janjira, Raigad-402401 Affiliated to University of Mumbai	
Class: -F.Y.B.Sc (G.S)	Subject: - Zoology
Semester:- II	Course code: - MJ2
Exam Event:- (FH) Summer 2025	Marks: -30
Date: - 11/04/2025	Duration: - 01:00 Hours

N.B:

1. **Figures** to the right indicate full marks.
2. Use of log-table/nonprogrammable calculator is allowed.
3. Attempt any **two** questions out of four

Q. 1. Write Short note on the following.

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|---|-----------|
| a. Define mortality. Add a note on its types. | 05 |
| b. Write a note on sex ratio. | 05 |
| c. Indirect values of biodiversity. | 05 |

Q. 2. Write Short note on the following.

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|---|-----------|
| a. Discuss the Man -Wild life conflict. | 05 |
| b. Elaborate the consumptive value of biodiversity. | 05 |
| c. Explain the concept of food webs and its significance. | 05 |

Q.3. Answer the following.

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|---|-----------|
| a. Describe age structure of population & comment on its types. | 08 |
| b. Define biodiversity? Discuss types of biodiversity. | 07 |

Q.4. Answer the following.

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|---|-----------|
| a. Describe various methods used in Ex-situ conservation of biodiversity. | 08 |
| b. What are ecological pyramids? Describe its different types. | 07 |