

M.Sc 1st SEMESTER ZOOLOGY
(ATKT) OPEN BOOK SYSTEM
EXAMINATIONS DEC-2020

PAPER - Ist
"Biosystematics, Taxonomy and Evolution"
MAX-MARKS

85
MIN. MARKS
31

NOTE:- Attempt ALL questions.

- Q. 1 - Describe the "History of Classification."
- Q. 2 - Write an essay on "International Code of Nomenclature."
- Q. 3 - Explain "Taxonomic categories."
- Q. 4 - Describe "Natural selection"
- Q. 5 - Write an essay on "Micro and Macro Evolution"

M.Sc. DST SEMESTER, ZOOLOGY (ATKT)

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DEC. 2020.

Paper - IInd.

"STRUCTURE AND FUNCTION OF INVERTEBRATES"

MAX. MARKS - 85

MIN. MARKS - 31.

Note :- Attempt all questions.

Q.1 - Describe origin of Metazoa.

Q.2 - Explain "Mechanism of respiration".

Q.3 - Write an essay on Mechanism of osmoregulation.

Q.4 - Describe advanced nervous system of Mollusca.

Q.5 - Explain Larval form of Cestoda.

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Paper - IIIrd.

"Quantitative Biology, Biodiversity and Wild life"

Max Marks - 85

Min. Marks - 31

NOTE - Attempt all questions.

- Q.1 - Describe basic mathematics for biologists.
- Q.2 - Explain Analysis of variance.
- Q.3 - Write an essays on Medicinal uses of forest plant.
- Q.4 - Describe conservation of wild life of India.
- Q.5 - Explain "Project Tiger."

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Paper - IV
Biomolecules and Structural Biology.

Max Marks - 85
Min. Marks - 31

NOTE - Attempt all questions.

- Q.1 - Describe Nano particles.
- Q.2 - Explain D.N.A. Replication.
- Q.3 - Describe Citric acid cycle.
- Q.4 - Write an essay on Protein Synthesis.
- Q.5 - Describe Classification of Enzymes.