

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY
AURANGABAD- 431 004, Maharashtra (India)
DEPARTMENT OF ZOOLOGY
NAAC Accredited 'A'



NOTIFICATION

**Entrance Examination for Seeking Admission to M.Sc. Zoology
(First Year) (Academic year 2018-2019)**

The Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University is willing to conduct Common Entrance Test (CET) to enroll the students for M.Sc. Zoology (First Year) for Academic year 2018-2019. The deadlines and other details are given below.

Eligibility Criteria: Those who have completed/ appeared for Final Semester Exam. B.Sc. with Zoology as one of the optional subject at graduate level.

Fees for Entrance Examination: As in University advertisement, DD Drawn in favour of Registrar, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. The payment can also be paid in cash in the Office of Department.

Important Dated and Deadlines: As per published Advertisement of University.

Intake for M.Sc. (Zoology) First Year: 70 Students. University admission rules will be followed

General Instructions:

As from university website: www.bamu.ac.in and submit scanned copy of filled in application form in Departmental office.

- Syllabus for CET is appended herewith.



Dr. Babasaheb Ambedkar Marathwada University,

Aurangabad-431 004. (M.S.), INDIA

Department of Zoology

Syllabus for Entrance test for admission in

M.Sc. Zoology 2018-19

1. Non-Chordates –Classification, Structure and Function
2. Chordates- Classification, Structure and function
3. Biochemistry- Carbohydrate, Proteins, Fats, Vitamins, Enzymes, Hormones
4. Evolution- Theories of evolution, Evidences of Evolution, Human evolution
5. Cell biology – General structure of cell, Organisation of cell, Methods in Cell Biology, Cell organelles (Plasma membrane, Endoplasmic reticulum, Ribosome, Mitochondria, Nucleus, Chromosomes)
6. General Animal physiology-
7. Genetics -Elements of heredity & variation, Gene interaction, Multiple Alleles, Cytoplasmic inheritance, Sex Determination Mutation
8. Ecology- Abiotic and biotic factors, Population, Community structure, Ecosystem,
9. General applied Zoology

*Syllabus of entrance will be based on DR. Babasaheb Ambedkar Marathwada University, Aurangabad syllabus of B.Sc. Subject- Zoology available on <http://www.bamu.ac.in>