

Semester Pattern: 2024-25

Instructions to submit Second Semester Assignments

1. Following the introduction of semester pattern, it becomes **mandatory for candidates to submit assignment for each course.**
2. Assignment topics for each course will be displayed in the A.U, CDOE website (**www.audde.in**).
3. Each assignment contains 5 questions and the candidate should answer all the 5 questions. Candidates should submit assignments for each course separately. (5 Questions x 5 Marks =25 marks).
4. Answer for each assignment question should not exceed 4 pages. Use only A4 sheets and write on one side only. **Write your Enrollment number on the top right corner** of all the pages.
5. Add a template / content page and provide details regarding your Name, Enrollment number, Programme name, Code and Assignment topic. Assignments without template / content page will not be accepted.
6. Assignments should be handwritten only. Typed or printed or photocopied assignments will not be accepted.
7. **Send all Second semester assignments in one envelope.** Send your assignments by Registered Post to The Director, Centre for Distance and Online Education, Annamalai University, Annamalai Nagar – 608002.
8. Write in bold letters, “**ASSIGNMENTS – SECOND SEMESTER**” along with PROGRAMME NAME on the top of the envelope.
9. Assignments received after the **last date with late fee** will not be evaluated.

Date to Remember

Last date to submit Second semester assignments : **15.04.2025**

Last date with late fee of Rs.300 (three hundred only) : **30.04.2025**

Dr. T. SRINIVASAN
Director

ZOOLOGY WING

Assignment Questions

MSc. Zoology - I – Year - II - Semester

021E1210 – Animal physiology

1. Write an essay on composition of food and notes on digestive enzymes and its coordination.
2. Describe the physiology of kidney and urine formation.
3. Discuss elaborately the structure and chemical control of heart
4. Explain the transport of gases and the function of influencing transport of O₂ and CO₂
5. Illustrate the theories of muscle contraction and its mechanism.

021E1220- Genetics

1. Write an essay on blood groups in man
2. Explain the pedigree analysis and genetic counselling
3. Describe the regulation of gene action and lac operon concept
4. Write an essay on mutation
5. Describe the concept and application of genetic engineering.

021E1230 –Bio chemistry, Bio Physics and Bio Statistics

1. Write an detailed account on carbohydrate metabolism
2. Explain the oxidative phosphorylation mechanism.
3. Define isotopes – Explain the half life type of emissions.
4. Explain the significance of statistics in population studies.
5. Write an essay on types of Geiger Muller counter and its application.