

Semester Pattern: 2025-26 [JANUARY SESSION]
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 : 15.04.2026
Last date with late fee of Rs.300 (three hundred only) : 30.04.2026

Dr. S.ARULSELVI
Director

Assignment Questions

M.Sc. Zoology, First year, II – semester

021E1210 - Animal physiology

1. Discuss the endocrine regulation of metabolism.
2. Elaborate the counter current multiplier system .
3. Explain the origin, conduction and regulation of heart beat and describe the significance of ECG.
4. Summarize the factors influencing transport of oxygen and carbon dioxide with special reference to the dissociation curve.
5. Illustrate the process and mechanism of muscle contraction.

021E1220 : Genetics

1. Elucidate linkage maps and explain gene mapping in Drosophila.
2. Summarize pedigree analysis and genetic counselling.
3. Illustrate 'Lac' and 'his' operon systems.
4. Discuss oncogene and its relation to cancer.
5. Elaborate recombinant DNA technology.

021E1230 : Bio chemistry, Bio physics and Bio statistics

1. Discuss the biochemistry and functions of peptide, polypeptide and steroid hormones.
2. Summarize the classification, structure and properties of saccharides.
3. Explain the principle and types of spectroscopy.
4. Compare phase contrast and electron microscopy.
5. Give an account on data collection, its processing and presentation.