


ANNAMALAI UNIVERSITY

(Accredited with 'A+' Grade by NAAC)

CENTRE FOR DISTANCE AND ONLINE EDUCATION

Annamalainagar – 608 002

Semester Pattern: 2024-25

Instructions to submit Third 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 – THIRD 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 Third semester assignments : 01.11.2024

Last date with late fee of Rs.300 (three hundred only) : 15.11.2024

Dr. T.SRINIVASAN
Director

CENTRE FOR DISTANCE AND ONLINE EDUCATION
S021 – M. Sc ZOOLOGY
SECOND YEAR – III SEMESTER
ASSIGNMENT TOPIC (JULY SESSION 2023 - 24)

021E2310: BIOTECHNOLOGY

1. Explain the fine structure and functions of mitochondria.
2. Write an essay on microbial leaching and its significance.
3. Define biofertilizers. Write their significance in agriculture.
4. Discuss the social impacts of human genome project.
5. Elucidate the biological nitrogen fixation process with a neat diagram.

021E2320: IMMUNOLOGY

1. Write an essay on immunoglobulins and its function.
2. Give an account on humoral and cell mediated immunity.
3. Describe precipitin reaction and agglutination reaction.
4. Give an account on structure and function of T and B lymphocytes.
5. Explain the structure of different types of antigen and antibody and its interaction.

021E2330: ENVIRONMENT BIOLOGY AND TOXICOLOGY

1. What are various air pollutants? Discuss their effects on vegetation and human beings.
2. Discuss the causes and environmental impacts of Deforestation.
3. Discuss the environmental protection Act 1986.
4. Differentiate the acute and chronic toxicity test.
5. Highlight the significance of social forestry in conservation of Land.