



THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)
Re-accredited (2nd Cycle) by NAAC with Grade "A", CGPA – 3.46 on a 4-point scale

Backlog Arrear Examination, March 2021

ZOO 2397/2335/3445

Evolution

Time: 3 hrs

Max: 75 marks

Answer any FIVE questions

(5X15=75)

1. Give brief notes on Theories of origin of life
2. Vestigial organ serves as an evidence for evolution -substantiate
3. State the theories of Lamarck and explain with suitable examples.
4. What is Mimicry? Explain the types of mimicry with examples. Add a note on Baetsian and Mullerian mimicry
5. Define Fossils. Illustrate the types of fossil, fossil dating and mode of fossilization.
6. Explain about isolating mechanism and speciation
7. Discuss the evolutionary trends in man.