



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 2626/ 2442

ECOBIOLOGY

Max.75 Marks

Time: 3 Hours

Answer Any Five questions:

(5 x 15 = 75)

1. Discuss in detailed about soil profile with a neat diagram.
2. Give a detailed account on energy flow model.
3. Write an essay on attributes of r – selection and k- selection.
4. Explain about the features and fauna of deep sea.
5. Write a detailed note on Zoogeographical realms of the world with special emphasis on oriental regions.
6. Discuss about the niche and their types.
7. Analyse the effect on light on animal and plants.