



**THE AMERICAN COLLEGE, MADURAI**  
(An Autonomous Institution Affiliated to Madurai Kamaraj University)  
Re-accredited (2<sup>nd</sup> Cycle) by NAAC with Grade “A”, CGPA – 3.46 on a 4-point scale  
**Backlog Arrear Examination, March 2021**

**ZOO 281**

**Invertebrata –I**

**Marks: 75**

**Time: 3Hour**

**Answer any FIVE Questions**

**(5X15=75)**

1. Give an account on Binomial nomenclature.
2. Describe the structure of *Plasmodium* and its life cycle.
3. Illustrate the canal system in sponges.
4. Explicate the biology and importance of coral reefs.
5. Elucidate the structure and parasitic adaptations of *Ascaris*.
6. Give an account on general characters of Arthropoda and economic importance of Insects.
7. Explain the functional, morphology of the appendages of *Panaeus*.