



# 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 2444/2625**

**Animal physiology**

**Time: 3 Hrs**

**Marks: 75**

**Answer any FIVE of the following**

**5\*15=75**

1. Describe the digestive system in man
2. Bring out the mechanism of regulation of urine formation
3. Explain air breathing in fishes
4. List down the functions of blood
5. Describe osmoregulation in teleosts
6. Discuss the fine structure of muscle
7. Describe the structure and regulatory action of pituitary gland