



**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**

**ENTOMOLOGY**

**PGZ 5521**

**Marks: 75**  
**Time: 3 Hrs**

**Answer any five of the following (5x15= 75)**

1. List out the features of insects as –“Why they are the most successful group”?.?
2. Give an outline classification of insects.
3. Describe the digestive system of an insect with a suitable diagram.
4. Explain the vector status of mosquitoes and explain their methods of control.
5. Write a brief account on the social organization of honey bees and explain their structural adaptations.
6. Enumerate the various IPM procedures followed in an agroecosystem.
7. Explain any three pests of paddy and the damage caused.

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