



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

Course Code: MIC 2421

Max Marks: 75

Course Title: Human Biology

Section A

Answer any FIVE questions

(5×15=75)

1. Define organ system. Add notes on the principal organ system of our body in detail.
2. Write an essay on composition of blood with suitable diagram. Add note on its functions.
3. Elucidate the mechanism of respiration with suitable diagram.
4. Explain the parts of digestive system and add note on the mechanism of digestion with illustration.
5. Describe the structure and functions of the kidney.
6. Draw the structure of human heart, add a note on the functional aspects of heart valves and cardiac muscles.
7. Write a detailed account on the mode of action and functional disorders of thyroid gland.