



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: PHY 1232/2284

Time: 2 hrs

Course Title: FM Radio Theory and Practice

Max: 60 marks

Part - A

Answer any four of the following questions

4 X 15 = 60

1. Discuss the types of Electromagnetic waves
2. Explain Space waves with proper diagram.
3. Explain frequency modulation and FM Detection with proper diagram
4. Discuss Superheterodyne Receiver with Diagram
5. Describe the Types of Antennas
6. Explain Ground waves with proper diagram.
