



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 3285

Time: 2Hrs

Course Title: Coil Winding

Max: 60 marks

PART - A

Answer ANY FOUR questions

(4 X 15 = 60)

1. Explain how you will find the resultant resistance when resistors are connected in series and in parallel. Also find the resultant capacitance when capacitors are connected in series and in parallel.
2. Explain step up and step down transformer in detail with suitable diagrams.
3. Mention the applications of Eddy currents.
4. Give a brief account on (a) Field coil (b) Stator and (c) Rotor.
5. Explain the principle and operation of important parts of a winding machine.
6. Write an essay on various types of coil winding machines.
