



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

RPS 1217

SCIENCE AND SCIENTIFIC WORLDVIEWS

Time: 3 Hrs

Marks: 60

ANSWER ANY FOUR OF THE FOLLOWING QUESTIONS:

(4X15=60)

1. What is science? Explain scientific method.
2. What is a world view? What are the philosophical requirements to construct a world view?
3. Explain the type of ontology required to develop a scientific ontology.
4. What is scientific knowledge? Bring out its epistemology.
5. How scientific generalization is achieved?
6. How to demarcate science and non science?