



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

BCH 2414

Brain & Behaviour

Max Marks: 75

Time: 3 Hrs.

PART A

Answer any FIVE questions each not exceeding 4 pages:

(5 x 15 = 75)

1. Define neurotransmitters. Explain the different types of neurotransmitters.
2. Elaborate on the symptoms, molecular mechanisms and control measures of Parkinson's disease.
3. Explain the structure and functions of brain with a neat diagram.
4. Give an elaborate account on the classification of nervous system.
5. With the help of neat labeled diagram, discuss the general characteristics and functions of spinal cord.
6. Explain the structure of neuron and its types in detail.
7. Define reflex arc. Explain the mechanism of reflex action.