

CARMEL COLLEGE OF ARTS, SCIENCE AND COMMERCE, NUUVEM-GOA

M.A. (PSYCHOLOGY) EXAMINATION

SEMESTER END ASSESSMENT, JULY 2021

PLC 203: NEUROPSYCHOLOGY

Duration: 2 Hours

Total Marks: 40

Instructions:

- 1. Read each question carefully**
- 2. Write the correct question number**
- 3. Each question carries 10 marks**

Answer any four of the following questions

1. Explain in detail the general model that underlies the sensorimotor system.
2. Critically evaluate the evidence that the brain has discrete regions or systems for processing different emotions.
3. Describe in detail the Phases of Neural Development.
4. Distinguish between Neurotransmitters and Neuromodulators. Discuss the role of Neurotransmitters in psychological functioning.
5. “Memories can contain a series of events, complete with signs and sounds, that one is able to recall in a proper sequence”. Elucidate.
6. Sam, a 37-year-old man, was injured in a car accident and sustained a traumatic brain injury (TBI). He had surgery to correct a subdural haematoma in the frontal lobe that had resulted from the TBI. Two weeks following his craniotomy, he entered in a rehabilitation program. Impaired memory, balance difficulties, and a lack of ability to conduct physical activity were among the early examination results. In light of this case, discuss the various techniques to treat CNS damage. Which of these techniques would be most suitable in treating Sam. Justify your answer.