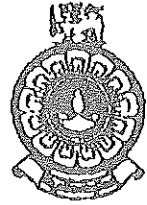


THE OPEN UNIVERSITY OF SRI LANKA  
FACULTY OF HEALTH SCIENCES  
DEPARTMENT OF PSYCHOLOGY & COUNSELLING  
2020/2021 – SEMESTER I—FINAL EXAMINATION,



BSC (HONS) IN PSYCHOLOGY  
PLU5310 - NEUROPSYCHOLOGY- LEVEL 5  
FINAL EXAMINATION PAPER  
DURATION: 02 HOURS

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DATE: 31.03.2022

TIME: 9.30A.M-11.30A.M

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INDEX NO: .....

**SECTION 2: ESSAY QUESTIONS (60 MARKS)**

Choose 04 out of the 06 questions given below and answer using the provided answer sheets

**2.1**

- a) What is brain /Neuro Plasticity describe with example ? ( 10 marks )
- b) Explain the function of synaptic cleft. ( 05 marks )

**2.2**

- a) Name three neurotransmitters and describe their functions. (7.5 marks)
- b) Briefly describe auditory pathway. (7.5 marks)

**2.3**

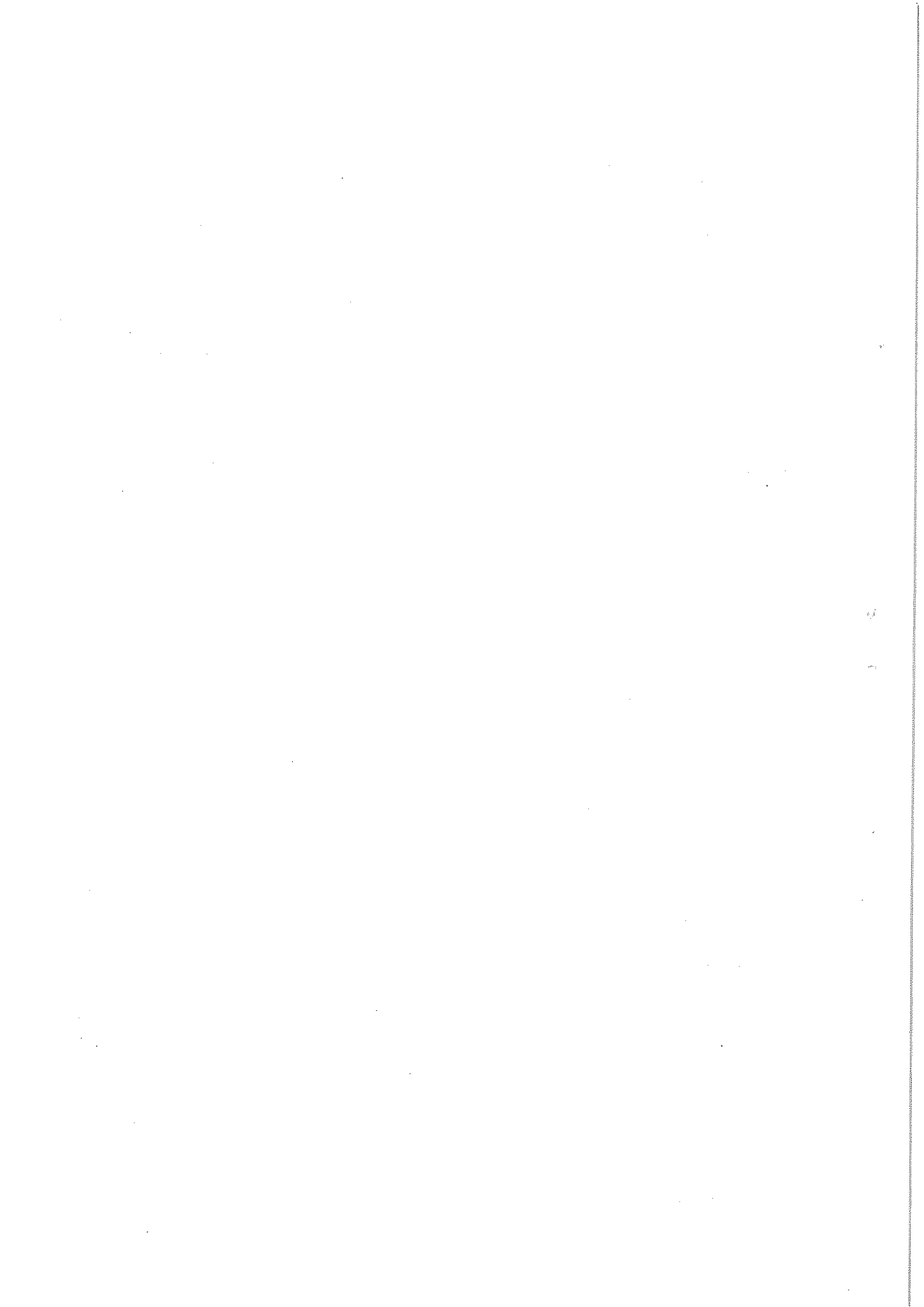
- a) Describe the organization of motor cortex and the role of the motor cortex in initiating, imitating, and comprehending movements. (10 marks)
- b) Describe the four principal motor tracts and the movements they control. (05 marks)

**2.4**

- a) Compare REM sleep and non-REM sleeps. (05 marks)
- b) Give a brief account of sleep disorders including sub types. (10 marks)

**2.5** Humans are sexual beings, thus human sexual maturation is a lifelong process that continues from conception until death.

- a) Explain the above statement and compare differences in male and female sexual maturation. ( 10 marks )
- b) How would you differentiate sexual identity from sexual orientation? (05 marks )



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- a) What is autism and briefly explain its symptoms. (7.5 marks)
- b) Define dementia and name three causations for dementia (7.5 marks )

-----END OF QUESTION PAPER-----