BSC (HONS) IN PSYCHOLOGY
PLU5310 – NEUROPSYCHOLOGY – LEVEL 5
FINAL EXAMINATION PAPER
DURATION: 03 HOURS

DATE: 20.03.2024 TIME: 1.30 PM – 4.30PM

SECTION 2: STRUCTURED ESSAY QUESTIONS (60 MARKS)

Choose FOUR (04) out of SIX (06) questions given below and answer using the provided answer sheets.

2.1 Discuss the historical roots and development of Neuropsychology, highlighting the key figures and their contributions to the field of Psychology. *(15 marks)*

2.2 Autism Spectrum Disorder (ASD) is one of the most common neurodevelopmental disorders among children.

a) List the symptoms of autism spectrum disorder (ASD). *(5 marks)*

b) Describe the causes of autism spectrum disorder. *(5 marks)*

c) Describe the treatment of autism spectrum disorder . *(5 marks)*

2.3 a) List THREE(03) neurodegenerative disorders which may be seen in adulthood. *(3 marks)*

b) Discuss the symptoms and the changes that occur in the brain due to Parkinson's disease. *(5 marks)*

c) Explain the causes and potential treatment strategies for Parkinson's disease. *(7 marks)*

2.4 Different types of invasive methods are used to examine the brain structure and its functions.

a) Describe what is meant by an invasive procedure? *(3 marks)*

b) Explain ONE (01) old invasive method and ONE (01) modern invasive method used to examine the brain structure and functions. *(5 marks)*

c) Discuss the advantages of THREE (03) modern invasive methods, using examples. *(7 marks)*

2.5 "Scientific studies consistently highlight the significant impact of quality sleep on the overall well-being of human beings".

a) Explain the sleep cycle. *(8 marks)*

b) Discuss the advantages of getting adequate quality sleep and the disadvantages of not getting it. *(7 marks)*

2.6 a) List THREE (03) different types of neurons in the nervous system and describe the function of each type. *(5 marks)*

b) Describe the term neuroplasticity/ brain plasticity. *(5 marks)*

c) Explain THREE (03) habits that promote neuroplasticity, using examples. *(5marks)*

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