



# THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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**MAIN EXAMINATION**

**SEPTEMBER –DECEMBER 2021**

**FACULTY OF ARTS AND SOCIAL SCIENCES**

**DEPARTMENT OF PSYCHOLOGY**

**SPECIAL EXAMINATION**

**REGULAR PROGRAMME**

**BCP 412: PHYSIOLOGICAL PSYCHOLOGY**

**Date: DECEMBER 2021**

**Duration: 3 Hours**

**INSTRUCTIONS: Answer Question ONE and any other Three Questions**

## SECTION A

- Q1 a) "We don't just believe what we see but we see what we believe". Evaluate this statement **(5 Marks).**
- b) Examine the importance of emotions in human life **(5marks)**
- b) Explain how nature and nurture contribute to human behavior **(5 marks)**
- c) A tailor accidentally pricked her finger with a needle while sewing a piece of cloth. Examine the reflex arc in the case of the pricked finger being quickly withdrawn. **(5 marks).**
- d) Describe the principles of perceptual organization **(5 marks)**

## SECTION B

- Q2 Examine the stages of sleep and how to ensure quality sleep (15 marks)
- Q3 Using case examples discuss the role of hormones in human behavior (15 marks)
- Q4 Discuss the functions of forebrain, midbrain and hind brain relating them with human behavior.  
(15marks)
- Q5 Analyze the differences in abilities between persons controlled by the left and right cerebral cortex hemisphere and those controlled by the right cerebral cortex hemisphere.  
(15 marks).
- Q6 Critically analyze the components of the nervous system (15 marks)

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