

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE AWARD OF DEGREE OF  
DOCTOR OF PHILOSOPHY IN COUNSELLING PSYCHOLOGY**

**CPSY 931: BIOLOGICAL AND COGNITIVE ASPECTS OF BEHAVIOUR**

**STREAMS: PHD**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 10/12/2018**

**2.30 PM – 5.30 PM**

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**INSTRUCTIONS:**

**ANSWER ANY 3 QUESTIONS**

1. Describe how the following physiological body processes affect behavior.
    - (i) Reproductive system
    - (ii) Digestive system [20 marks]
  
  2. Human process information through sensation and perception processes. Discuss and give relevant examples. [20 marks]
  
  3. Critically, analyze the changes in behavior brought about by
    - (i) The nervous system
    - (ii) Circulatory system [20 marks]
  
  4. (a) Compare and contrast the following major theories of learning:
    - (i) Observational learning [6 marks]
    - (ii) Instrumental or operant conditioning [6 marks]
    - (iii) Classical conditioning. [6 marks]  
    - (b) In your opinion which one of the three theories, impacts more on human behavior. [2 marks]
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