

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
EDUCATION (ARTS)

PSYC 322: EXPERIMENTAL PSYCHOLOGY

STREAMS: B.PSY Y3S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 5/12/2018

8.30 A.M - 10.30 A.M.

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**INSTRUCTIONS:**

- Answer Question ONE and any other THREE Questions.
- Do not write anything on the question paper

1. (a) Show your understanding of the following: -
- (i) Experimental psychology [6 Marks]
  - (ii) Experimental method
  - (iii) Experimental design
- (b) Differentiate between positive reinforcement and negative reinforcement. [4 Marks]
- (c) Discuss circumstances under which you would advise a teacher NOT to use punishment when disciplining students. [4 Marks]
- (d) Explain three general functions of the nervous system. [6 Marks]
- (e) Highlight five types of research approaches. [5 Marks]
2. (a) Discuss the following ethical issues in research; [10 Marks]
- (i) Beneficence
  - (ii) Justice
  - (iii) Confidentiality
  - (iv) Respect
  - (v) Fidelity
- (b) Highlight five components that must be considered for informed consent to be ethically valid. [5 Marks]

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3. (a) Discuss any five reflexes in newborn babies. [10 Marks]  
(b) Explain five conditions necessary for classical conditioning to take place. [5 Marks]
4. (a) Discuss the functions of the following parts of the brain; [10 Marks]  
(i) Cerebrum  
(ii) Medulla oblongata  
(iii) Hypothalamus  
(iv) Cerebral cortex  
(v) Mild braid
- (b) Highlight five characteristics of the nervous system. [5 Marks]
5. (a) Discuss the following types of experimental research designs; [6 Marks]  
(i) Laboratory experiments  
(ii) Field experiments  
(iii) Quasi experiments
- (b) Discuss the following principles of classical conditioning theory by Ivan Parlor  
(i) Extinction [2 Marks]  
(ii) Stimulus generalization [2 Marks]  
(iii) Spontaneous recovery [2 Marks]  
(iv) Stimulus discrimination [2 Marks]  
(v) Conditioned stimulus [1 Mark]
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