

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

**EXAMINATION FOR THE AWARD OF DEGREE OF POSTGRADUATE DIPLOMA
IN EDUCATION**

PGDE 741: EDUCATIONAL PSYCHOLOGY

STREAMS: PGDE (SB)

TIME: 2 HOURS

DAY/DATE: TUESDAY 04/12/2018

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- **Do not write anything on the question paper.**
- **Answer question 1 and any other 2 questions.**

1. (a) Psychology has been defined as scientific study of human behaviour and mental processes. Briefly explain your understanding of;
 - (i) Behaviour (2 marks)
 - (ii) Mental processes
 - (b) By way of contrast, explain the meaning of the following terms.
 - (i) Education vs learning
 - (ii) Reward vs punishment
 - (iii) Positive reinforcement vs negative reinforcement
 - (iv) Proactive interference vs retroactive interference
 - (v) Sensation vs perception (10 marks)
 - (c) Discuss any four signs of a person with good memory. (4 marks)
 - (d) Discuss four principles of classical conditioning according to Ivan Pavlov. (4 marks)
2. (a) Discuss five major contributions of educational psychology to the field of education. (10 marks)

- (b) Explain five factors that may influence learning. (10 marks)
3. (a) Explain the four stages of cognitive development according to Jean Piaget. (10 marks)
- (b) (i) Discuss three ways in which transfer of learning may take place. (6 marks)
- (ii) Explain any three principles of learning. (6 marks)
4. (a) With an aid of an illustration, describe the three stage model of memory on how information is transferred from sensory to longterm memory. (10 marks)
- (b) Giving examples, explain why forgetting take place. (10 marks)
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