



MACHAKOS UNIVERSITY

University Examination for 2017/2018 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR BACHELOR OF ARTS

APS 402: COGNITIVE PSYCHOLOGY

DATE: 13/12/2017

TIME: 2:00 – 4:00 PM

INSTRUCTIONS:

Answer question ONE and any other TWO questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Define the following terms
 - (i) Cognitive psychology (2 marks)
 - (ii) Mind (2 marks)
 - (iii) Schema (2 marks)
 - (iv) Perception (2 marks)
 - (v) Intelligence (2 marks)
- b) Identify three types of memory (3 marks)
- c) Explain three perceptual constancies (6 marks)
- d) Describe three situations where operant conditioning can be applied (6 marks)
- e) Identify five things that can affect the proper functioning of the brain (5 marks)

QUESTION TWO (20 MARKS)

- a) Explain the history of cognitive psychology (10 marks)
- b) Describe the five sense organs stating the function of each (10 marks)

QUESTION THREE (20 MARKS)

- a) Explain how communication takes place in the brain (10 marks)
- b) Analyze 5 effects of brain damage on an individual's cognitive process (10 marks)

QUESTION FOUR (20 MARKS)

- a) Discuss Jean Piaget's stages of cognitive development (12 marks)
- b) Explain the implications of cognitive development theory in education (8 marks)

QUESTION FIVE (20 MARKS)

- a) Explain the five types of intelligence according to Howard Gardner (10 marks)
- b) Giving relevant examples, explain how learning takes place using classical conditioning (10 marks)