



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR
BACHELOR OF ARTS

APS 402 COGNITIVE PSYCHOLOGY

DATE: 6/5/2019

TIME: 2.00-4.00 PM

INSTRUCTIONS

Answer Question One and any other Two Questions

QUESTION ONE (30 MARKS) (COMPULSORY)

- a) Define the term perception (2 marks)
- b) Outline 5 parts of the brain and their functions (10 marks)
- c) Differentiate between bottom-up and top-down perceptions (4 marks)
- d) Describe one cultural and one social variable that might influence attention (4 marks)
- e)
 - i Analyse an example of a short-term memory loss based on the working memory model (5 marks)
 - ii Explain some strategies you would use to improve on your short-term memory function. (5 marks)

QUESTION TWO (20 MARKS)

- a) Giving relevant examples, describe a long-term memory loss within the context of the three-store theory. (8 marks)
- b) Analyse the four stages of Piaget's cognitive development (12 marks)

QUESTION THREE (20 MARKS)

- a) Giving relevant examples describe 4 forms of forgetting. (8 marks)
- b) Demonstrate how the following ways of memory distortions can impact relationships negatively. (12 marks)
- i. Confabulations (2 marks)
 - ii. Misattributions (2 marks)
 - iii. Confirmation bias (2 marks)
 - iv. Misinformation effect (2 marks)
 - v. Suggestibility (2 marks)
 - vi. Lapse of time (2 marks)

QUESTION FOUR (20 MARKS)

- a) Analyse 5 influences of biological and environmental factors on language acquisition. (10 marks)
- b) Describe the effect of deafness on language acquisition, production and comprehension (10 marks)

QUESTION FIVE (20 MARKS)

- a) Differentiate aphasia ,apraxia and dysarthria (6 marks)
- b) Describe the signs, symptoms and effects of brain damage a person would possess after going through a motor accident and head injury. (12 marks)