



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

DIPLOMA IN EDUCATION

EPS: 0101 INTRODUCTOIN TO PSYCHOLOGY

DATE: 22/7/2019

TIME: 2.00-4.00 PM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

1. a) Define the following terms as used in psychology (8marks)
 - i. Meiosis
 - ii. Dizygotic
 - iii. Polygenetic inheritance
 - iv. Mitosis
- b) Explain the contributions of the following personalities in historical development of psychology (8 marks)
 - i. John B. Watson
 - ii. Wihelm Wundt and Edward Tichener
- c) Discuss the following chromosomal anomalies highlighting their phenotype and genotype Characteristics
 - i) Turners syndrome
 - ii) Triosome 21 (10 marks)
- d) Using examples, explain each of the following concepts (4 marks)
 - i. Null and alternative hypothesis
 - ii. Figure and ground perception

2. a) Using examples, differentiate between the following (6 marks)
i) Neurotic and psychotic disorders
ii) Hallucination and delusion
b) Describe any three neurotic disorders (6 marks)
c) Citing relevant examples explain four (4) types of psychological conflicts (8 marks)
- 3 a) Distinguish between sensation and perception (4 marks)
b) Explain five factors that influence sensation and perception (8 marks)
c) Discuss the implications of perception in teaching learning process (8 marks)
- 4 a) Distinguish between frustration and conflict (4 marks)
b) Discuss the following principles classical conditioning (10 marks)
i. Stimulus generalization
ii. Stimulus discrimination
iii. Extinction
iv. Spontaneous recovery
v. Reinforcement
c) Discuss educational implication of classical conditioning learning (6 marks)
5. a) Briefly describe the following method of data collection (4 marks)
i. Day book
ii. Survey method
b) Discuss relevance of Maslow theory of motivation on teaching learning process (10 marks)
c) Identify and explain three defence mechanism student use to cope with frustration in school (6 marks)

