



MACHAKOS UNIVERSITY

University Examinations 2020/2021 academic year

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

DIPLOMA IN EDUCATION

EPS 0101: INTRODUCTION TO PSYCHOLOGY

DATE: 22/3/2021

TIME: 8.30-10.30 AM

INSTRUCTIONS: Answer Question One and Any Other Two Questions

QUESTION ONE (30 MARKS)

- a) Distinguish between the following pairs of terms. (8 marks)
 - i. Independent and dependent variable
 - ii. Absolute threshold and difference threshold
 - iii. Neurosis and psychosis
 - iv. Intrinsic and extrinsic motivation
- b) Describe any four branches of psychology (12 marks)
- c) Elaborate five uses of intelligent tests (10 marks)

QUESTION TWO (20 MARKS)

- a) Explain why psychology is considered as a science? (4 marks)
- b) Briefly compare the survey and case study methods of research in psychology (7 marks)
- c) Briefly compare the experimental and non-experimental methods of research in psychology (7 marks)

QUESTION THREE (20 MARKS)

- a) Explain the following principles of classical conditioning (10 marks)
- i. Stimulus generalization
 - ii. Stimulus discrimination
 - iii. Extinction
 - iv. Spontaneous recovery
 - v. Reinforcement

QUESTION TWO (20 MARKS)

- a) Distinguish between sensation and perception (4 marks)
- b) Using appropriate examples describe five factors that may influence human perception. (10 marks)
- c) Explain three types of perceptual constancies citing relevant examples. (6 marks)

QUESTION THREE (20 MARKS)

- a) Define the term learning (2 marks)
- b) Describe four differences between classical conditioning and operant conditioning theories. (18 marks)

QUESTION FOUR (20 MARKS)

- a) Define motivation and illustrate its cycle (8 marks)
- b) Describe two biological theory of motivation (6 marks)
- c) Discuss educational implication of Maslow's hierarchy of needs in the leaning process (8 marks)

QUESTION FIVE (20 MARKS)

- a) Distinguish between frustrations and conflicts (2 marks)
- b) Citing relevant examples explain four types of psychological conflicts (8 marks)
- c) Explain the following laws of form perception (10 marks)
- i. Law of figure and ground
 - ii. Law of continuity
 - iii. Law of similarity
 - iv. Law of closure
 - v. Law of proximity