



MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

SECOND YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION AND EXTENSION

BACHELOR OF EDUCATION (SPECIAL NEEDS EDUCATION)

BACHELOR OF EDUCATION (SCIENCE)

BACHELOR OF EDUCATION (ARTS)

EPS 201: PSYCHOLOGY OF LEARNING

DATE: 30/4/2019

TIME: 8.30-10.30 AM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

QUESTION ONE (30 MARKS)

- a) Explain how teachers can use Piaget's theory of cognitive development to enhance classroom learning (12 marks)
- b) Giving appropriate examples, differentiate between the following concept as they are used in psychology of learning
 - i. Fixed and Variable intervals schedules of reinforcement
 - ii. Fixed and Variable ratio schedules of reinforcement
 - iii. Informal and formal learning
 - iv. Negative reinforcement and negative punishment (12 marks)
- c) Describe the nature of teaching as a triad and dynamic activity (6 marks)

QUESTION TWO (20 MARKS)

- a) As a classroom teacher, discuss some of the methods you can adapt to promote creative thinking among your learners. (6 marks)
- b) Giving relevant examples, describe how classical conditioning theory can be used to, explain how learners acquire negative attitudes towards learning. (4 marks)
- c) Briefly explain how you can use the incentive theory of motivation to improve learning in the classroom. (10 marks)

QUESTION THREE (20 MARKS)

- a) Explain the following laws/principles of learning that were proposed by Thorndike
- i. Law of effect
 - ii. Law of exercise
 - iii. Law of readiness
 - iv. Principle of mental set (8 marks)
- b) Explain the type of studies that Bandura conducted before concluding that most human learning occurs as a result of observation and imitation. (6 marks)
- c) Discuss the implications of the latent theory of learning on classroom learning (6 marks)

QUESTION FOUR (20 MARKS)

- a) Define the following terms
- i. Memory
 - ii. Forgetting
 - iii. Eidetic memory (3 marks)
- b) Account for students' inability to recall learnt information during an examination according to the following theories of forgetting: (9 marks)
- i. Decay theory
 - ii. Retrieval failure theory

- iii. Consolidation theory
- c) Punishment has serious consequences and should be avoided if possible. Explain any four consequences of Punishment (8 marks)

QUESTION FIVE (20 MARKS)

- a) Outline the three (3) types of transfer of learning (6 marks)
- b) Discuss how teachers can maximize transfer of learning in classroom (14 marks)