



# MACHAKOS UNIVERSITY

University Examinations 2018/2019

SCHOOL OF EDUCATION

DEPARTMENT OF EDUCATIONAL PSYCHOLOGY, SPECIAL NEEDS EDUCATION

FIRST YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF EDUCATION

ESN 317: MEDICAL ASPECTS OF MENTAL RETARDATION

DATE:

TIME:

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## INSTRUCTIONS

### Answer Question One and Any Other Two Questions

1.
  - a) Explain the causes of mental retardation (10 marks)
  - b) Discuss the methods of preventing mental retardation (10 marks)
  - c) Describe the characteristics of learners with mental retardation (10 marks)
2.
  - a) Discuss the various cranial malformations in learners with mental retardation (10 marks)
  - b) Explain the various categories of learners with mental retardation (10 marks)
3.
  - a) Discuss the various chromosomal types (10 marks)
  - b) Explain the functioning of the nervous system (10 marks)
4.
  - a) List and discuss the various maternal disease that cause mental retardation (10 marks)
  - b) Explain the social environmental factors that lead to mental retardation (10 marks)
5.
  - a) Discuss the various types of genetic disorders and their transmission (10 marks)
  - b) Describe the challenges faced by a learner with mental retardation in learning concepts (10 marks)