

# Mount Kenya University

UNIVERSITY EXAMINATION 2014/2015

SCHOOL OF EDUCATION  
DEPARTMENT OF SPECIAL NEEDS EDUCATION

BACHELOR OF EDUCATION IN SPECIAL NEEDS EDUCATION  
SCHOOL BASED

UNIT CODE: BSE3205

UNIT TITLE: GIFTEDNESS: HIGH  
PERFORMANCE (FACTS AND ISSUES OF  
GIFTEDNESS)

DATE: AUGUST 2015

MAIN EXAM

TIME: 2 HOURS

**INSTRUCTIONS: ANSWER ALL QUESTIONS IN SECTION A AND ANY  
OTHER TWO QUESTIONS IN SECTION B**

## **SECTION A**

1. a) Define the following terms as used in the science of giftedness;
  - i) Intellectual giftedness.
  - ii) Genotype.
  - iii) Phenotype.
  - iv) Heritability ratio. (4 Marks)
  
- b) Differentiate between divergent and convergent thinking according to the cognitive model for the gifted and talented. (4 Marks)
  
- c) Describe six typically gifted cognitive behaviours provided by neuroscientific evidence. (6 Marks)

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