



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF EDUCATION**  
**UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION**  
**(ART) WITH IT**  
**2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER 2013/2014 ACADEMIC YEAR**  
**CENTRE: MAIN**

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**COURSE CODE: ESE 205**

**COURSE TITLE: COGNITION & LEARNING PROCESS**

**EXAM VENUE:**

**STREAM: B.Ed (Arts)**

**DATE: 20 /12/2013**

**EXAM SESSION: 9.00 – 11.00 AM**

**TIME: 2 HOURS**

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**Instructions:**

- 1. Answer question 1 (compulsory) and ANY other 2 questions.**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

1. Discuss Piaget's stages of cognitive development and the concepts in the theory. (30 marks)
  
2. Using examples discuss the short-term and long-term memories. (20 marks)
  
3. Distinguish between;
  - (i) Perceptual motor skill (5 marks)
  - (ii) Perceptual motor learning (5 marks)
  - (iii) Acquisition of motor skills (5 marks)
  - (iv) Intellectual motor skills (5 marks)
  
4. Discuss the role played by the environment in learning. (20 marks)
  
5. Discuss ways of improving memory and attention. (20 marks)