



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION
SPECIAL NEEDS EDUCATION
2ND YEAR 2ND SEMESTER 2015 / 2016 ACADEMIC YEAR
MAIN CAMPUS SCHOOL BASED**

COURSE CODE : ESE 205

COURSE TITLE : COGNITION AND LEARNING.

EXAM VENUE:

STREAM:

DATE: 20/08/19

EXAM SESSION: 9.00 – 11.00AM

TIME: 2.00 HOURS

INSTRUCTIONS

- 1. Answer question ONE (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 while in the examination room.**
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QUESTION ONE

- a) Define the following terms **(10 MARKS)**
- i. Cognition
 - ii. Attention
 - iii. Memory
 - iv. Prosopagnosia
 - v. Amnesia
- b) Distinguish between **episodic** and **semantic** memory **(4 MARKS)**
- c) State **three** hearing channels and explain how each of them works **(6 MARKS)**
- d) Discuss **five** (5) environmental factors in learning cognitive and development and concept formation. **(10 MARKS)**

QUESTION TWO

Discuss Piaget's theory of intellectual development. **(20 MARKS)**

QUESTION THREE

'Learning as a result of experience is different from behaviour change due to maturation.' Explain this statement. **(20 MARKS)**

QUESTION FOUR

- a) Discuss the memory types according to information processing approach. **(12 MARKS)**
- b) Suggests any four ways of enhancing one's memory in a learning situation. **(8 MARKS)**

QUESTION FIVE

- a) Discuss Vygotsky's theory of zone of proximal development **(10 MARKS)**
- b) What is the difference between Vygotsky's theory and Piaget's theory approach in social interaction? **(5 MARKS)**
- c) Explain what IQ emphasizes as compared to what zone of proximal development emphasizes **(5 MARKS)**