



BONDO UNIVERSITY COLLEGE

UNIVERSITY EXAMINATION 2010/2011

**2ND YEAR 2ND SEMESTER EXAMINATION FOR THE DEGREE OF
BONDO UNIVERSITY COLLEGE SCHOOL OF EDUCATION
UNIVERSITY EXAMINATIONS FOR THE DEGREE OF BACHELOR OF
EDUCATION WITH IT (ARTS; ARTS AND SPECIAL NEEDS
EDUCATION)**

COURSE CODE: ESE 205

TITLE: COGNITION AND LEARNING PROCESS

DATE:

TIME:

DURATION: 2 HOURS

INSTRUCTIONS

- 1. This paper contains FIVE (5) questions**
- 2. Answer question 1 (Compulsory) and ANY other 2 Questions**
- 3. Write all answers in the booklet provided**

Question One

A) Define the following terms and concepts

- i) Maturation lag
- ii) Schema Theory
- iii) Learned Helplessness
- iv) Assimilation
- v) Cross modal perception
- vi) Retrograde Amnesia (12mks)

B) Explain the role of the following three aspects of Cognition in the learning process

- i) Attention
- ii) Perception
- iii) Memory (9mks)

C) Explain what happens at each of the following three stages in information processing:

- i) Visual imagery
- ii) Elaboration
- iii) Relevance (9mks)

Question Two

Discuss five various forms of distractions a learner may experience in a learning environment. (20mks)

Question Three

Discuss Piaget's four stages of cognitive development and their implications to learners with special needs. (20mks)

Question Four

Describe three major categories in each of the following perceptual areas and suggest two remedial strategies for each skill category:

- A) Visual perception (10 mks)
- B) Auditory perception (10mks)

Question Five

- a) Draw a well labeled diagram of the Human brain (10mks)
- b) Describe how information is processed in a human beings brain. (10mks)