



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2012/2013

SECOND YEAR SECOND SEMESTER EXAMINATIONS FOR THE DEGREE OF BACHELOR OF SPECIAL NEEDS EDUCATION WITH INFORMATION TECHNOLOGY (MAIN CAMPUS)

ESE 205: COGNITION AND LEARNING PROCESSES

Date: 24th July, 2013

Time: 11.00 a.m. – 1.00 p.m.

INSTRUCTIONS:

- ◆ Answer Question ONE and any other TWO (2) questions.

ESE 205: Cognition and Learning Processes

Instructions: Answer Question One and Two others.

Q1. (a) Explain the following terms and concepts:

- (i) Learning
- (ii) Sensory Integration
- (iii) Sensory Integration
- (iv) Concept
- (v) Retrograde amnesia (10 marks)

(b) Describe the Impulsivity/Reflectivity cognitive style of learning. (4 marks)

(c) Name the three stages of the memory process and their relevance to learning. (6marks)

(d) Describe three aspects of visual perception and their importance in the process of learning. (6marks)

(e) Give four roles the learner must play to ensure effective learning in the classroom. (4marks)

Q2. Discuss the Interference theory of memory disorder and its implications on learning. (20 marks)



Using the diagram above, explain each step in the process of cognition and learning. (20 marks)

Q4. You suspect that Openji in your class is experiencing problems of attention.

- (a) Describe five characteristics you are likely to observe in him. (10 marks)
- (b) Suggest five remedial strategies to help overcome the problems names in "a" above. (10 marks)

Q5. According to Piaget's theory of cognitive development, maturation plays a big role in learning – Discuss with examples. (20 marks)