

# NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY

## FACULTY OF INDUSTRIAL TECHNOLOGY

DEPARTMENT OF TECHNICAL TEACHER EDUCATION

PROGRAMME: BACHELOR OF EDUCATION HONOURS DEGREE

### GENERAL EXAMINATION

Course: Theoretical Foundations

TTE1101

Part/year: 1

January 2011

Time: 3 hours

100 marks

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#### Instructions:

1. Answer any **FOUR** [4] questions.
  2. Questions may be answered in any order.
  3. All questions carry 25 marks each.
  4. Begin each question on a fresh page.
  5. Marks may be deducted for careless or untidy work.
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#### Question 1

- (a) Distinguish between learning and conditioning citing a familiar example of each concept. **[8 marks]**
- (b) Compare and contrast Plato's theory of knowledge and that of Aristotle **[8 marks]**
- (c) Explain why Facultative Psychology emphasized the importance of studying some subjects in preference to others. **[9 marks]**

## **Question 2**

- (a) Explain the difference between a concrete concept and an abstract concept giving an example of each concept. **[4 marks]**
- (b) Highlight the important features of the following schools of Psychology:
- (i) Constructivism
  - (ii) Behaviourism
  - (iii) Humanism** **[21 marks]**

## **Question 3**

- (a) Critique the following functions of formal education:
- (i) Socialization
  - (ii) Social integration
  - (iii) Cultural innovation
  - (iv) Social placement. **[20 marks]**
- (b) Describe any two examples to illustrate what you understand by latent function of formal education. **[5 marks]**

## **Question 4**

- (a) In modern societies educational systems tend to change. Analyse any three factors that are instrumental to this change. Cite examples that are typical to your country. **[15 marks]**
- (b) Justify any two ways of overcoming resistance to change in the education set up. **[10 marks]**

**Question 5**

Crowding and deindividuation can reduce self- awareness, resulting in people behaving more aggressively towards one another. Discuss this statement in the context of a school set-up and suggest any two methods of promoting self- awareness. **[25 marks]**

**Question 6**

Thorndike's thinking about the learning process was expressed in terms of some laws. Analyse any three of his laws and illustrate how they apply in a learning/teaching situation. **[25 marks]**

**END OF PAPER**