



# **MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY**

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## **UNIVERSITY EXAMINATIONS 2024/2025**

FIRST YEAR, FIRST SEMESTER EXAMINATION FOR POST GRADUATE DIPLOMA OF  
EDUCATION

### **EPG 4100: PSYCHOLOGY OF EDUCATION**

**DATE: JANUARY 2025**

**TIME: 3 HOURS**

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**INSTRUCTIONS:** Answer **Question One** (Compulsory) and any other **Three Questions**.

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#### **QUESTION ONE – (24 MARKS)**

- a) Define learning and explain its importance in human behavior. (5 Marks)
- b) Differentiate between classical conditioning and operant conditioning providing an example. (4 Marks)
- c) What role does attention play in learning? (2 Marks)
- d) “Use of digital tools can be used in the classroom to support learners’ information processing ability in improving working memory”. Discuss (8 Marks)
- e) Explain the role of nature and nurture in the development of personality traits. (5 Marks)

#### **QUESTION TWO – (12 MARKS)**

- a) Explain how reinforcement and punishment influence behaviour. (6 Marks)
- b) Explain the following terms
  - i) Intrinsic motivation
  - ii) Extrinsic motivation(4 Marks)
- c) Describe two ways of improving attention in the classroom. (2 Marks)

### **QUESTION THREE- 12 MARKS**

- a) Giving examples describe the three components of attitudes. (6marks)
- b) Discuss any three factors that may contribute to individual differences in learning. (6 Marks)

### **QUESTION FOUR – (12 MARKS)**

- a) Define the following terms:
  - i) Remembering
  - ii) Forgetting(4 Marks)
- b) Describe four strategies that can be used to improve remembering. (8 Marks)

### **QUESTION FIVE – (12 MARKS)**

- a) Analyse three factors that cause forgetting showing how each can be overcome. (9 Marks)
- b) Mention three skills that are essential for teachers in managing a classroom. (3 Marks)