



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND DEVELOPMENT
MASTER OF SCIENCE IN HEALTH PROFESSIONS EDUCATION
END OF SEMESTER EXAMINATION JANUARY-APRIL 2026
MAIN EXAM

UNIT CODE: HPE 712 **UNIT NAME:** PRINCIPLES AND THEORIES OF TEACHING AND LEARNING

DATE: 13th April, 2026

TIME: Three Hours

Start: 5:00 PM

Finish: 8:00 PM

INSTRUCTIONS

1. This exam is marked out of 100 marks
2. This Examination comprises TWO Sections
Section A: Compulsory Questions (25 marks)
Section B: Long Answer Questions (75 marks)

SECTION A: COMPULSORY (25 Marks)

Short Answer Questions

1. Highlight i) one educational task and ii) one mechanism of transfer of learning when you use each of the following theories of teaching and learning:
 - a. Humanistic theory (2 marks)
 - b. Social learning theory (2 marks)
2. Describe three principles of socio-cognitive learning, giving an example of each (4 marks).
3. Highlight an occasion when the following types of learning occur.
 - a) Insight learning (2 marks)

- b) Latent learning (2 marks)
4. Explain the application of the cognitive theory in the following Malcom Knowles' assumptions of adult learning.
- a. Principle of intrinsic motivation (2 marks)
 - a) Principle of self-concept (2 marks)
5. Distinguish between the 'law of effect' and the 'law of readiness' in behavioural theories. (4 marks).
6. Explain two principles of socio-cultural learning, giving one example of application of each. (5 marks)

SECTION B

ANSWER ANY THREE (3) QUESTIONS (75 Marks)

Long Answer Questions

7. A student is attached to a role model who is an expert, who is good-looking and has high status in society, performing a professional role during the practicum attachment.
- a) Describe the information processing that the student engages in (10 marks).
 - b) Explain three ways in which the role model's attribute of 'good looking' influences the student's information processing (6 marks).
 - c) Describe three ways in which the behavioural neuroscience theory may explain the student's ability to learn (9 marks).
8. a) Highlight four benefits of
- i) interprofessional learning (4 marks)
 - ii) multidisciplinary learning (4 marks).
- b) Describe the application of social cognitive theory in inter-professional and multidisciplinary learning approaches. (5 marks)
- c) Describe John Dewey's theory of teaching and learning in advancing interprofessional and multidisciplinary learning (12 marks)
9. Discuss Kurt Lewin's theory in relation to the following:
- a) Education (5 marks)
 - b) Research (8 marks)
 - c) Educational institution's change management (12marks).
10. Explain the difference between project and service-learning approaches from Kurt Lewin's perspective, giving two examples of each (25 marks).

11. Describe the template used to design an online course in health professions education, highlighting two potential tools for its implementation (25 marks).

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