



**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 MAY-AUGUST 2025**

**UNIT CODE:** HPE 721 Instructional and Learning Methods in HPE

**DATE:** 5 August, 2024

**TIME:** Three Hours

**Start:** 5:30 PM

**Finish:** 8:30 PM

**INSTRUCTIONS**

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

**SECTION A: COMPULSORY (25 Marks)**

**Short Answer Questions**

Explain the following terms used in health professions education

1. Concepts and principles (5 marks)
2. Instructional strategies (5 marks)
3. Instructional media (5marks)
4. Describe the implications of problem-based learning in health professions education (10 marks)

**SECTION B ( 5 Questions)ANSWER ANY THREE (3) QUESTIONS (75 Marks)**

**Long Answer Questions**

- 1) Analyse the nine events of instruction by Robert Gagne and outline the teachers and learners' activities during the instructional design process (25 marks)
- 2) In a course you teach, develop a course outline by indicating the Learning Outcome and the learning outcomes to be achieved by the learners (25 marks)
- 3) Analyze ADDIE model and explain its application in health professions education (25 marks).
- 4) Identify an educational strategy applicable in a medical training institution and explain its application during the teaching and learning of concepts and principles (25 marks).
- 5) The scientific discoveries by an American educator in the 1960s stated that that '*any teacher who can be replaced by a machine deserves to be*'. With examples, describe the design of instructional media that may replace the medical teacher while teaching in HPE (25 marks)