



**AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF PUBLIC HEALTH
DEPARTMENT OF HEALTH SYSTEMS MANAGEMENT AND
DEVELOPMENT**

MSC HEALTH PROFESSIONS EDUCATION

END OF FIRST SEMESTER EXAMINATION FOR MAY - AUGUST, 2023

**HPE 722: EDUCATIONAL STRATEGIES AND ASSESSMENT IN HEALTH
PROFESSIONS EDUCATION**

DATE: Day/ Date/ Month

TIME: THREE HOURS

START: FINISH:

NO INSTRUCTIONS

- 1. Answer any five questions***
- 2. Each Question is awarded 20 marks***
- 3. Ensure that you are you web camera is online through out and in a lighted environment***
- 4. If you encounter any challenge notify the department via 0722774221 or email norbert.boruett@amref.ac.ke***

Question 1

Effectiveness of Health Professions Educators has its basis in the understanding of concepts in assessment. In this case, discuss **ANY FIVE** of the concepts and **THE FIVE** principles of assessment. **(20 marks).**

Question 2

Health Professions Educators understand best the purpose of assessment. Based on this premise, discuss **ANY FIVE** of the following play a key role in assessment of students? **(20 marks).**

- Determination of the learning process
- Providing feedback to both learners and teachers

- c) Identifying strength and weakness of
- d) Monitoring the effectiveness of teaching and learning
- e) Motivating students to learn
- f) Discriminating student abilities
- g) Predicting suitability of individuals for job placement
- h) Selection of students for further education or awards

Question 3

There are several types of tools/instruments available to assess the expected learning outcomes in Health Professions Education. They include; Multiple Choice Questions (MCQs), Modified Essay Questions (MEQs), Patient Management Problems (PMPs) and Objective Structured Clinical Examinations (OSCEs). Discuss each of **THE FOUR**. (20 marks).

Question 4

An effective assessment of learning in Health Professions Institutions is best carried out in strict compliance with the Blooms Taxonomy of educational objectives in the three domains of learning. If given a responsibility to advance an argument on the statement above;

- a) Construct a question based on COVID-19 as a content area in the seven hierarchical order of the cognitive domain. (8 marks).
- b) Explain how you would effectively assess:
 - I. On the spot group work activity outcomes (4 Marks)
 - II. Mini-Clinical Evaluation Exercises (MINI-CEX) (4 Marks)
 - III. Field and Project work over a long time. (4 Marks)

Question 5

Emphasis on current trends in assessment is a measure of outcomes of quality of teaching/learning and curriculum processes. In view of this, explain the assessment of **ANY FIVE** of the following trends (20 marks).

- a) Outcome based learning
- b) Higher levels of learning
- c) Performance in critical areas in a professional discipline

- d) Problem solving
- e) Development of graduands for real work settings
- f) Communication
- g) Creativity
- h) Critical thinking
- i) Management Capability
- j) Ethics, values and professionalism of graduates.

Question 6

Discuss the criteria for selection of assessment instruments in terms of validity, reliability, objectivity and multiplicity of assessment tools/instruments for assessing domains of learning is critical for Health Professions Educators. **(20 marks).**

Question 7

Examination is an important process to consider in Health Professions Education in terms of demonstration of understanding of the various concepts. In this regard;

- a) Explain the following concepts
 - I. Objective Examinations Test Items (1 Mark)
 - II. Subjective Examinations Test Items(1 Mark)
 - III. Open Book Examination(1 Mark)
 - IV. Viva-voce(1 Mark)
 - V. Computer assisted assessment. (1 Mark)
- b) Describe the following processes of an effective examination management; .
 - I. Setting of examination test items(3Marks)
 - II. Moderation of examination test items (3Marks)
 - III. Selection of internal and external examiners(3Marks)
 - IV. Storage and safety of examination test items(3Marks)
 - V. Administration and invigilation of examinations. (3Marks)