



**MASINDE MULIRO UNIVERSITY OF SCIENCE
AND TECHNOLOGY
(MMUST)**

MAIN & NAIROBI CENTRE P2

UNIVERSITY EXAMINATIONS

**2017/2018 ACADEMIC YEAR
FIRST YEAR, SECOND TRIMESTER EXAMINATION**

**FOR THE DEGREE
OF BACHELOR OF SCIENCE IN HEALTH PROFESSIONS
EDUCATION**

COURSE CODE: : HPE 215

**COURSE TITLE: ASSESSMENT OF COGNITIVE
PERFORMANCE**

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

Answer all Questions

Sec A: Multiple Choice Questions (MCQ) 20 Marks

Sec B: Short Answer Questions (SAQ) (40 marks)

Sec C : Long Answer Questions (LAQ) (40 marks)

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of --- Printed Pages. Please Turn Over.



SECTION A: MULTIPLE CHOICE QUESTIONS (20 marks)

- Q1. An assessment is credible if it meets the following
- Valid, practical, objective
 - Practical, reliable, visible
 - Validity, reliability, visible
 - Feasible , reliable, objective
- Q2. The concepts associated with assessments is
- OSCE, Summative
 - Norm-referenced test, criterion- referenced tests
 - Multiple choice questions, formative assessment
 - OSCE, norm-reference
- Q3. Cognitive assessment includes
- MEQ's , Viva voce, rating scales
 - Practical tests
 - OSCE assessment
 - Case studies, demonstrations
- Q4 An outcome based assessment is determined by the following **except**
- Understanding and Doing tasks
 - Solving problems and demonstrations
 - Giving facts and solutions
 - Performing procedures
- Q5. One the following describes assessment of knowledge
- Thinking critically and making judgments
 - Solving problems and performing tasks
 - Demonstration of knowledge
 - Performing procedures and demonstrating techniques
- Q6. The choice of assessment method largely depends on
- The course requirements to training of students
 - How much the students have achieved during the course work
 - The principles of assessment
 - How long following the review stage of the curriculum in use
- Q7. Cognitive assessment is designed to
- Provide final scores
 - Test knowledge
 - Measure procedures
 - Assess after a course
- Q8. Multiple Choice Questions measure all except
- Procedures and principles
 - Application and principles
 - Knowledge of procedures
 - Understanding of procedures
- Q9. Cognitive assessment should be done
- Formatively

- b) Summatively
- c) As a final test
- d) After acquisition of competencies.

Q10. Feedback in assessment

- a) Should be given immediately
- b) Should consist of pass or fail
- c) Depends with teachers view
- d) Is presented in a variety of settings

Q11. Assessing competencies

- a) Allows flexibility in learning and assessment
- b) Prepares a list of clinical choices
- c) Is specific to practice
- d) Tests understanding of skills

Q12. In criterion-referenced tests individual performance is judged by

- a) Degree of acceptable assessment to standard
- b) Degree of scores attained
- c) Identifying high and low performing students
- d) The scores specified

Q13. The best method to assess learning contracts is by using

- a) Portfolios, self-assessment
- b) PMP's , portfolios
- c) Cognitive assessments and portfolios
- d) MEQ's, OSCE/OSPE

Q14. MEQ is a term that means

- a) Modified questions
- b) Modified essay quality
- c) Modified essay tests
- d) Multiple essay questions

Q15. An outcome based assessment is determined by the following **except**

- e) Examining and Doing tasks
- f) Solving problems and demonstrations
- g) Giving facts and solutions
- h) Performing procedures

Q16. One the following describes assessment of knowledge

- e) Thinking critically and making judgments
- f) Solving problems and performing tasks
- g) Demonstration of knowledge
- h) Performing procedures and demonstrating techniques

Q17. The following summarizes the objectives of MCQ **except**

- a) Assess for competent health workers
- b) Helps in the learning process of students
- c) Allow meaningful research for policy making
- d) For validity and reliability

Q18. The choice of assessment method largely depends on

- a) The course requirements to training of students
- b) How much the students have achieved during the course work
- c) The principles of assessment
- d) The review stage of the curriculum in use

Q 19. Assessment that draws on evidence of professional competence is characterized by

- a) Providing feedback
- b) Self-learning
- c) Assessing competencies
- d) Teacher- centred

Q20. In student's assessment, cognitive entails

- a) The clinical aspects of an health worker
- b) Performing a clinical examination
- c) Examination to assess understanding
- d) The role of a nurse/clinician/doctor

SECTION B: SHORT ANSWER QUESTIONS (40 MARKS)

1. Explain the following terms

- a) Formative assessment (2marks)
- b) Methods of assessment (2 marks)
- c) Tools for assessment (2marks)
- d) Test Reliability (2marks)
- e) Cognitive tests (2marks)

2. Differentiate between formative and summative assessments (marks)

3. With examples Explain five (5) assessment instrument suitable for assessing cognitive learning (10marks)

4. Explain the purpose of formative and summative assessment (10marks)

SECTION C: LONG ANSWER QUESTIONS (40 Marks)

1. Programmes that employ Mastery Testing Systems are oriented towards competency-based education.. Discuss (20marks)

2. Construct one Patient Management Problem instrument and explain how it should be Administered (20 marks)