



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

**UNIVERSITY EXAMINATIONS
2013/2014 ACADEMIC YEAR**

SECOND YEAR TRIMESTER III EXAMINATIONS

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

COURSE CODE: HPE 217

COURSE TITLE: ASSESSMENT OF COGNITIVE PERFORMANCE

DATE: Tuesday 12th August, 2014 **TIME:** 2.00p.m. – 5.00p.m.

INSTRUCTIONS:

1. Write your University registration number on every sheet of paper used
2. Answer all questions in all the three sections
3. Section A comprises of 20 Multiple Choice Questions
4. Section B comprises of 5 short Answer Questions
5. Section C comprises of 2 Essay Questions

TIME: 3 Hours

SECTION A: MULTIPLE CHOICE QUESTIONS (20 marks)

- Q1. Multiple Choice Questions measure all except
- Procedures and principles
 - Application and principles
 - Knowledge of procedures
 - Understanding of procedures
- Q2. Performance testing should be done
- Formatively,
 - Summatively
 - As a final test
 - After acquisition of competencies.
- Q3. The most appropriate assessment for practical skills is
- Practical tests and tools
 - Knowledge and practical tests
 - Demonstrations and tests
 - Final exams and tools
- Q4. Cognitive assessment includes
- MEQ's , Viva voce, rating scales
 - Practical tests
 - OSCE assessment
 - Case studies, demonstrations
- Q5. Task analysis guides
- Types of learning
 - Sources of learning targets
 - Characteristic of concepts
 - Criteria for performance
- Q6. An assessment is credible if it meets the following
- Valid, practical, objective
 - Practical, reliable, visible
 - Validity, reliability, visible
 - Feasible , reliable, objective
- Q7. Feedback in assessment
- Should be given immediately
 - Should consist of pass or fail
 - Depends with teachers view
 - Is presented in a variety of settings
- Q8. Norm-referenced tests consists of
- Viva voce, essay tests
 - PMP's, MEQ
 - PMP's, Practical attachments
 - Learning contracts, MEQ's
- Q9. Assessing competencies
- Allows flexibility in learning and assessment
 - Prepares a list of clinical choices
 - Is specific to practice
 - Tests understanding of skills
- Q10. The best method to assess learning contracts is by using
- Portfolios, self-assessment
 - PMP's , portfolios
 - Cognitive assessments and portfolios
 - MEQ's, OSCE/OSPE

- Q11. 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
- Q12. 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
- Q13. Assessment that draws on evidence of professional competence is characterized by
- Providing feedback
 - Self-learning
 - Assessing competencies
 - Teacher- centred
- Q14. In student's assessment, cognitive entails
- The clinical aspects of an health worker
 - Performing a clinical examination
 - Examination to assess understanding
 - The role of a nurse/clinician/doctor
- Q15. MEQ is a term that means
- Fair without bias
 - Modified essay quality
 - Modified essay tests
 - Multiple essay questions
- Q16. The following summarizes the objectives of MCQ **except**
- Assess for competent health workers
 - Helps in the learning process of students
 - Allow meaningful research for policy making
 - For validity and reliability
- Q17. The best instruments to assess cognitive performance is
- OSCEs, OSPE
 - Portfolio, True/False
 - MCQs, MEQ
 - Portfolios, PMP's,
- Q18 Which of the following is true of test- retest reliability?
- The test is measuring what it claims to be measuring.
 - The test will produce consistent results.
 - The client will improve performance second time\round.
 - All of the above.
- Q19. According to AcAschroft and Foreman- Peck (1994) what is a key element in the effective management of learning than any component of the learning process?
- Assessment
 - Curriculum change
 - Educational theories
 - Students attitude
- Q20. Which of the following is true of test- retest reliability?
- The test is measuring what it claims to be measuring.
 - The test will produce consistent results.
 - The client will improve performance second time\round.
 - All of the above.

SECTION B: SHORT ANSWER QUESTIONS (40 MARKS)

1. Explain the following terms
 - a) Norm-referencing (2 marks)
 - b) Reliability (2 marks)
 - c) Validity (2 marks)
 - d) Measurement (2 marks)
 - e) Evaluation (2 marks)
- 2 Using appropriate examples critically explain why we assess students? (10 Marks)
3. Compare between formative and summative examination (5 marks)
4. Name four classroom assessment according to Brooks (2002) (5 Marks)
5. Explain five assessments tools used in assessment (10 Marks)

SECTION C: LONG ANSWER QUESTIONS (40 Marks)

1. Develop **two** (2) multiple Choice Questions and **one** (1) Modified Essay Question (20marks)
2. For each level of the Millers Pyramid ie at (**Does, shows, knows how, Know**) discuss three assessment tools that you can use to assess each level (20marks)