MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)

UNIVERSITY EXAMINATIONS
2012/2013 ACADEMIC YEAR

SECOND YEAR SECOND TRIMESTER EXAMINATIONS

FOR THE DEGREE
OF
BACHELOR OF SCIENCE IN HEALTH PROFESSIONS (MEDICAL) EDUCATION

COURSE CODE: HPE 207

COURSE TITLE: INNOVATIVE MEDICAL EDUCATION

DATE: Monday 20th May 2013   **TIME:** 9.00 a.m – 12.00 noon

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

SECTION A: MULTIPLE CHOICE QUESTIONS (20marks)

1. Innovative medical education refers to
   A. Consider factual knowledge
   B. Change in medical teaching
   C. Ignoring matters related to innovative teaching
   D. Introduce change

2. An outcome-based curriculum
   A. Emphasizes on teaching outcomes
   B. Reduces information overload
   C. Ensures aims are achieved
   D. Concentrate on the achievement of outcomes

3. Community –Based Education and Services is
   A. A teaching method
   B. Curriculum model
   C. Teaching and learning strategy
   D. A community strategy

4. The term innovation means
   A. Introduction of new ideas, technology, information
   B. Introduction of change
   C. Deliver new information
   D. Prepare students to learn

5. The following areas attempt to introduce change in medical field **except**
   A. Medical knowledge
   B. Disease patterns
   C. Professional roles and boundaries
   D. Classroom teaching

6. Changes in health care delivery means
   A. increased multi professional awareness
   B. Increased training programmes
   C. Increased number of patients
   D. Provision of financial support

7. Changes in students learning means
   A. A broader approach the teaching
   B. Courses emphasize self directed learning
   C. Students require new ideas
   D. Emphasis on teacher is key

8. The use of film and video in teaching has led to the development of
   A. Improved course delivery
   B. Quality teaching
   C. Interactive video
   D. Instructional materials

9. The following methods of assessment are as a result of innovation except
   A. OSCE
   B. Knowledge tests Questions
   C. Paper and pencil tests
   D. Patient Management Problems

10. Portfolio in medical education
    A. Is a reference file
    B. Is used for assessment and teaching
    C. Is a Curriculum strategy
    D. Ensures that learning takes place

11. PRISMS stand for
    A. Product, resources integration, systematic, multisite and student- centered
    B. Product, relevant, integration, smaller, multisite and systematic
    C. Product, resources, integaration, student-centered, multi-site and symbiotic
    D. Product, relevant, inter-professional, smaller, multisite and symbiotic

12. Assessment in PRISMS- model
    A. Emphasizes in doing rather than knowing
    B. Is an innovation
    C. Encourages change
    D. A change agent

13. New strategies in learning brings
    A. Use of innovative teaching approaches
    B. New learning environment
    C. The classroom
    D. At the end of the programme

14. Innovation in teaching
    A. Reduces information overload
    B. Introduces learning needs
    C. Requires financial support
    D. Encourages teaching

15. The current developments on the use of computers has resulted to
    A. Computer assisted learning
    B. E-learning plat form
    C. Virtual learning
    D. Interactive videos

16. The current developments in curriculum development and evaluation has led to
    A. Developing new curriculum themes
    B. Use of teaching models
    C. Use of innovation
    D. Covering the syllabus

17. The following are current developments in patient management **except**
     A. Doctors changing to family physicians
     B. Community oriented doctors
     C. Patients are well informed
     D. Learning in hospital

18. While choosing media, the emphasis is on
     A. Utilizing attributes to facilitate learning
     B. Change in the development of the media
     C. Present the lesson
     D. Teaching aid

19. Innovative curriculum should seek to
     A. Emphasize on covering the content
     B. Provide opportunities for choice
     C. Promote discipline based learning
     D. Help future doctors shape and adapt to change

20. Medical educational that respond the context to the context in which it operates
     A. Engage medical students into medical education profession
     B. Support students in the process of medical education
     C. Promotes multiprofessional teamwork and care
     D. Collect evidences for assessment

SECTION B: SHORT ANSWER QUESTIONS (40 MARKS)

1. Explain the following
    a) Changes in patients expectations   (2marks)
    b) Innovative teaching   (2marks)
    c) Changes in health care delivery   (2marks)
    d) New methods of assessments   (2marks)
    e) Telemedicine   (2marks)

2. Explain the changes in students learning as a result of innovation   (5) Marks)
3. Explain the reasons to adopt to change in medical practice   (5 marks)
4. Explain the developments in teaching-learning materials   (10 marks)
5. Describe the use of OSCE/OSPE in assessing students performance in Health
    Professions disciplines   (10 marks)

SECTION C: LONG ANSWER QUESTIONS (40marks)

1. E-learning is considered as a innovative approaches to teaching. Discuss. (20marks)
2. Explain the current developments in patients management in Kenya   (20 Marks)