



(The University Of Choice)

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

**UNIVERSITY EXAMINATIONS
2013/2014 ACADEMIC YEAR**

SECOND YEAR SECOND TRIMESTER EXAMINATIONS

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

COURSE CODE: HPE 210

COURSE TITLE: CURRICULUM DEVELOPMENT II

DATE: Tuesday 22nd April, 2014 **TIME:** 9.00 a.m. – 12.00 noon

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 Multiple Choice Questions
4. Section B comprises of 4 short Answer Questions
5. Section C comprises of 3 long Essay Questions

TIME: 3 HOURS

This Paper Consists of 4 Printed Pages. Please Turn Over ►

SECTION A: ANSWER ALL

- 1) According to the Frenk report which of the following have made health professional educational lag behind with the current world health problems
 - a. greater matching of competencies to patient and population needs
 - b. functioning team work: persistent gender stratification of professional status
 - c. Narrow technical focus without broader contextual understanding
 - d. predominantly community orientation at the expenses of hospital
- 2) The first generation of medical education at the beginning of the 20th century taught
 - a. science based
 - b. problem based
 - c. professional competencies
 - d. Critical reasoning
- 3) According to Frenk the order of learning is
 - a. informative- formative- transformative
 - b. informative-transformative- formative
 - c. formative - transformative-informative
 - d. transformative-informative- formative
- 4) -----is a key element in a systems approach because it underscores the ways in which various components interact with each other.
 - a. Interdependence
 - b. Competency driven
 - c. Interprofessional
 - d. Transformative
- 5)is the formal legalization of an institution to grant degrees, enabling it is graduates to achieve licensing and certification for professional practice
 - a. Accreditation
 - b. Professionalism
 - c. Collaboration
 - d. Instrumentation
- 6) According to Epstein and Hundert(2002) competency is the
 - a. habitual and judicious
 - b. use of communication
 - c. knowledge, technical skills, clinical reasoning, emotions, values,
 - d. reflection in daily practice
- 7) Which variables did the lancet commission used to analyze instructional design challenges
 - a. Criteria for admission
 - b. Competencies
 - c. Channels
 - d. Career pathway

- 8) A.....defines the learning is expected to take place during the a course in terms of knowledge, skills and attitude
- Curriculum
 - Lesson
 - Course outline
 - Syllabus
- 9) A ----- is part of the curriculum that describes the content of the a program
- Syllabus
 - Course
 - Handouts
 - Portfolio
- 10) Curriculum design should reflect the following, select as appropriate
- educational health care and professional context
 - level of learners
 - educational theories
 - overall programme philosophy and approach
- 11) The Flexner trend of education promoted the following line of thought: Select all correct responses
- Teacher centered
 - Knowledge giving coupled with hospital orientation
 - standard programme and apprenticeship
 - integrated and problem based

12) Match the items to make sense out of the statement

	Trend	Answer		
1	Flexner		a	Standard program
2	Harden SPICES		b	Community
3	Bligh et al PRISMS		c	Practice based linked with professional development
			d	Pilot

13) Match the items to complete the models of curricula

	Models	Answers		Descriptions
1.	Process Model		a)	Communicate the curriculum to teachers
2.	Process Model		b)	Define Curriculum in practice by testing capacity to achieve objectives

3.	Process Model		c)	Reach agreement on broad aims and specific objectives of the course
4.	Objective model		d)	Training (skills acquisition)
5.	Objectives Mode		e)	Instruction (information acquisition)
6.	Objectives Mode		f)	Initiation (Socialization and familiasation with social norms and values
7.	Process Model		g)	Construct the course to achieve these objectives
8.	Process Model		h)	Induction(thinking and problem solving

Section B- 40 marks

1. Write notes on the following (10 marks)
 - a. Flexner report 1910
 - b. Welch –Rose report 1915
 - c. Goldmark report 1923
2. Using appropriate examples clearly delineate the meaning of following terms (10marks)
 - a. Vertical integration
 - b. Horizontal integration
3. Outline 8 points would consider or keep in mind while designing the teaching and learning methods of a curriculum (10 marks)
4. Explain the following terms (10marks)
 - a. Problem based
 - b. Competencies
 - c. Aims and learning methods

Section C- 40 marks

1. Discuss the key aspects of a curriculum (20 marks)
2. The lancet commission identified key components of the educational system. They included
 - a. Institutional design- system level, organizational level, global level
 - b. Instructional design
 - c. Proposed outcomes – interdependence – transformative
 Using an appropriate diagram (mind map) illustrate how the following (a,b,c)link together to create an educational system (10 marks).
3. Discuss one approach of evaluating a medical training curriculum (10 marks)