



*(University of Choice)*

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

**MAIN CAMPUS**

**UNIVERSITY EXAMINATIONS  
2019/2020 ACADEMIC YEAR**

**THIRD YEAR SECOND SEMESTER EXAMINATIONS**

**DIPLOMA**

**IN MEDICAL LABORATORY SCIENCE AND TECHNOLOGY  
MAIN EXAM**

**COURSE CODE: BMD 324**

**COURSE TITLE: LABORATORY AND HEALTH MANAGEMENT**

**DATE: 8<sup>TH</sup> DECEMBER 2020**

**TIME: 2.00 -4.00 PM**

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## **INSTRUCTIONS TO CANDIDATES**

This paper is divided into three sections, **A B** and **C**, carrying respectively: Multiple Choice Questions (**MCQs**), Short Answer Questions (**SAQs**) and Long Answer Questions (**LAQs**).

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 5 Printed Pages. Please Turn Over.

**SECTION A: MULTIPLE CHOICE QUESTIONS (20 MKS)**

1. A leader must be \_\_\_\_\_ enough to solve problems encountered by the team  
A) Slouchy  
B) Confidential  
C) Visionary  
D) Knowledgeable
2. A leader that believes in their own capabilities is \_\_\_\_\_  
A) Assertive  
B) Stable  
C) Confident  
D) Informed
3. A good leader is physical ,emotionally and mentally \_\_\_\_\_  
A) Stable  
B) Mature  
C) Straight  
D) Sharp
4. A good leader brings energy and laughter to the organisation, this is known as being \_\_\_\_\_  
A) Charismatic  
B) Capable  
C) Cheerful  
D) Generous
5. A leader that is wise, sensitive and has insight to makes the right decisions within an organization is taken to be ?  
A) Astitute  
B) Confident  
C) Knowledgeable  
D) Mature
6. The statements below are true of a leader that is a good communicator EXCEPT:  
A) Good listener  
B) Have courage to say what their hearts say  
C) Practice speaking  
D) Don't mean what they say
7. The Great man theory of (1840) assumes that the traits of man are :  
A) Mental  
B) Intrinsic  
C) Physical  
D) Social
8. Which leadership theory suggests that great leadership is a combination of many key variables?

- A) Contingency
  - B) Trait
  - C) Situational
  - D) Behavioural
9. Which of the statements below is TRUE about participatory leadership theory
- A) Focuses on connections
  - B) Focuses on the role of supervision
  - C) It takes into account the input of the others into account
  - D) It is an attempt to integrate old theories
10. Leaders who make decisions without consulting their subordinates practice which kind of leadership style?
- A) Paternalism
  - B) Strategic
  - C) Democratic
  - D) Autocratic
11. The following are levels of medical laboratories in Kenya EXCEPT:
- A) 1&2
  - B) 2&4
  - C) 5
  - D) 6
12. One of the personnel below is NOT relevant inside a medical laboratory
- A) Laboratory manager/Director
  - B) Technical personnel
  - C) Supplier
  - D) Support staff
13. Which of the health service component below is NOT supported by medical laboratory:
- A) Curative and Preventive
  - B) Data
  - C) Health promotion
  - D) Training and research
14. The hospital reform agenda to ensure good laboratory services ensures the following EXCEPT:
- A) Accreditation
  - B) Quality health care
  - C) Reformed over sighting
  - D) Instituting regulatory measures
15. Which of the diseases below is NOT top ranking in causing death in Kenya ?
- A) HIV/AIDS
  - B) Conditions arising during perinatal period
  - C) Lower respiratory infections
  - D) Ischemic heart disease

16. Disability adjusted life year(DALY) is leading in which disease or injury?
- A) Malaria
  - B) Diarrheal diseases
  - C) HIV
  - D) Tuberculosis
17. ALL the below legal Acts impact on provision of medical laboratory service EXCEPT
- A) Public health Act
  - B) Pharmacy and poisons Act
  - C) Tissue Act
  - D) Medical laboratory Act
18. The medical laboratory technicians and technologist board is national regulatory agency for ministry of health to:
- A) All the below
  - B) Public laboratories medical laboratories
  - C) Private laboratories medical laboratories
  - D) Faith based/Non-governmental organisation medical laboratories
19. Medical laboratory services are NOT financed through:
- A) Annual budgetary allocation by government/s
  - B) User fees
  - C) Program support to priority programs
  - D) Quality management systems
20. The Kenya health service delivers medical laboratory tests through a network where majority are found in ?
- A) Voluntary sector
  - B) Private sector
  - C) Public sector
  - D) None of the above

**SECTION B: SHORT ANSWER QUESTIONS (60 MKS)**

1. Explain how a good leader may practice fairness [10 Marks].
2. Write short notes on behavioural theory [10 Marks].
3. Briefly explain transformational leadership [10 Marks].
4. What is your understanding of supportive supervision [10 Marks].
5. Tabulate the activities of medical laboratories [10 Marks].
6. Narrate the factors that influence access to medical laboratory services [10 Marks].

**SECTION C: LONG ANSWER QUESTIONS (40 MKS)**

1. Write an essay about the selection, operation, maintenance of medical laboratory equipment OR Laboratory supplies management [20 Marks].
2. Give a detailed account of general specimen collection, processing and in a medical laboratory [20 Marks].