



# TECHNICAL UNIVERSITY OF MOMBASA

*Faculty of Applied and Health Sciences*

**DEPARTMENT OF MEDICAL SCIENCES**

DIPLOMA IN MEDICAL LABORATORY SCIENCES  
(DMLS 13M)

**AML 2251 : LAW AND ETHICS**

**SPECIAL/SUPPLEMENTARY: EXAMINATIONS**

**SERIES: OCTOBER 2013**

**TIME: 2 HOURS**

## **INSTRUCTIONS:**

You should have the following for this examination

- *Answer booklet*

This paper consists of **TWO** sections.

Answer all questions in **Section A** and **B**. ½ marks deducted for any wrong answer in **Section A**.

*This paper consists of 7 PRINTED pages*  
**SECTION A (40MARKS)**

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1. The following are not laws except
  - a) Birth and deaths
  - b) Violence
  - c) Care
  - d) Criminal
  - e) Court
  
2. The following do not define a Law except
  - a) Rules to govern behaviour
  - b) Agreement
  - c) Contract
  - d) A proposal
  - e) Arbitration
  
3. The following are not accreditation boards except
  - a) KNBS
  - b) KBS
  - c) KMLTTB
  - d) KENAS
  - e) IFBLS
  
4. Bioethics will not apply to
  - a) Quality control
  - b) Administrative
  - c) Capacity building
  - d) Issues of medical advances
  - e) Confidentiality
  
5. Malpractice are
  - a) Health worker rights
  - b) Contractual
  - c) Formal agreements
  - d) Law suits
  - e) Corruption
  
6. The following are not criminal law act except
  - a) Arson
  - b) Fraud
  - c) Negligence
  - d) Corruption

- e) Escape
7. In case of breach of contract, there is
- a) Right to compensation
  - b) Unfair judgment
  - c) Fraud
  - d) Coercion
  - e) Engagement
8. The following are not Legal documents and related acts except
- a) Patient records and information
  - b) Confidentiality
  - c) Policy
  - d) Negligence
  - e) Legal
9. The following will not approve Medical lab sciences training by institution except
- a) KMLTTB
  - b) KPPB
  - c) KMA
  - d) KCO
  - e) President
10. Quasi contracts are
- a) Legal consent
  - b) Termination of contract
  - c) Exist in law without formal agreement
  - d) Lawful regards to purpose
  - e) None of the above
11. The following cannot be contract except
- a) Minor
  - b) Governor
  - c) Majority
  - d) President
  - e) Cabinet officers
12. The following are managerial skills
- a) Education
  - b) Policing
  - c) Planning
  - d) Counseling
  - e) Technical
13. In human dignity
- a) Equal and Personal human dignity
  - b) Information right
  - c) Judgmental

- d) Right to reliable lab services
- e) Genuiness

14. Professional duties in biomedical lab scientists

- a) Lack confidentiality
- b) Work above training capacity / scope
- c) Maintain confidence and respect
- d) Institute conflict
- e) Communication is a challenge

15. Purpose of quality clinical lab services includes

- a) Improve diagnosis
- b) Man power
- c) Money
- d) Materials
- e) Time

16. Practicing medical lab science certification take

- a) 1 year
- b) 2 years
- c) 3 years
- d) 4 years
- e) 5 years

17. The following are not environmental Authority board except

- a) NEMA
- b) Green peace
- c) KENAS
- d) OSHA
- e) HUQAS

18. Universal set standards attached to dignity and rights is

- a) Human rights
- b) Equality
- c) Ethics
- d) Law
- e) Sops

19. The philosophical study of moral acid human conduct is

- a) Ethics

- b) Law
- c) Bill of rights
- d) Human rights
- e) Contract

20. Advantages of patient care confidentiality is

- a) Disclosure
- b) Violence
- c) Maintain charity and human rights
- d) Set standards
- e) Judgmental

21. Standard care provision can be archived through

- a) Practice with training scope
- b) Malfeasance
- c) Misfeasance
- d) Nonfeasance
- e) Resignation

22. Examples professional negligence cases include

- a) confidentiality breaking
- b) Arbitration
- c) Communication
- d) Abandonment
- e) Prompt rescue

23. Health care workers should

- a) Decide on information for disclosure
- b) Non-clear information
- c) Judgemental
- d) Non supportive
- e) Supportive, non judgemental

24. Contract is

- a) An agreement between parties enforced by law
- b) Constitution
- c) Rules and regulation
- d) Legal documents
- e) Mandate

25. Ways of terminating patient care include

- a) Authoritative
- b) Mediation
- c) Writer communication
- d) Confrontation
- e) Non of the above.

26. Termination of the care can be due to

- a) Failure to follow Health workers instructions
- b) Court order
- c) Ethnicity
- d) Laziness
- e) Malpractice

27. The person making a proposal in a contract is

- a) Promisee
- b) Acceptor
- c) Promisor
- d) Proposer
- e) Promiser

28. Elements of a contract may include

- a) Cancellation
- b) Rectification
- c) Compensation
- d) Quasi
- e) Acceptance, offer

29. The following is an example of a contract

- a) Hire purchase
- b) Tort
- c) Trust
- d) Property
- e) Administration

30. An agreement become a contract if there is

- a) Law injustice
- b) Abstinence
- c) Party identification
- d) Law enforcement
- e) Resource exchange

31. Principle of health care ethics include

- a) Ownership
- b) Cohesion
- c) Justice
- d) Judgement
- e) Partriotic

32. The secretary position at the KMLTTB is owned by

- a) Minister for Health
- b) Head National Public Health lab services
- c) Chief medical Lab Technologist
- d) Head DVBDTND
- e) Head NBTS

33. The KMLTTB chairman
- Trainer
  - Supervisor
  - Licensing
  - Accreditation
  - Chairs board meeting
34. Responsibilities in training registration and licensing as medical lab services and personells is coordinated by:
- KMTC
  - AKMLSO
  - KMLTTB
  - KPPB
  - KMA
35. Professional association formed lab scientists in Kenya is
- IFBMIS
  - BLSK
  - KMLTTB
  - AKMLSO
  - COTU
36. Revocation of an offer and acceptance may be due to
- Death
  - Jail
  - Inheritance
  - Confidentiality barriers
  - Non judgment
37. Medical lab scientific officers will utilize their profession
- For personal gain
  - Sabotage
  - Fight
  - Benefit mankind
  - Non of the above
38. Qualities of a good lab personell include
- Dedication to professionalism
  - Temperaments
  - Defensiveness
  - Corrupt
  - Non of the above
39. Occupational safety and health administration
- Advocates for training
  - QC program strengthening
  - Confidentiality issues
  - Wastes segregation to minimize exposures
  - Not training

40. Elements of quality assurance include
- a) Training
  - b) Equipments
  - c) Infection prevention
  - d) Status quo
  - e) Non skilled

### SECTION B

1. a) Define the following terms
- (i) Law
  - (ii) Code of ethics
  - (iii) Contract
  - (iv) Tort law
  - (v) Human rights **(10marks)**
- b) Describe the roles of laboratory services in Kenya **(10marks)**
2. Discuss the code of ethics for lab scientists in Kenya **(20marks)**
3. Discuss briefly the bill of rights with relevant examples. **(20marks)**



**SECTION B**  
**Answer ALL questions in this section**

1. For question 21-30 match the suffix in column 1 with its meaning in column II	<b>(10marks)</b>
Column suffix	Column II meaning
-algia	inflammation
-itis	pain
-pathy	process
-ectomy	incision
-gram	disease
-emia	produced by
-scope	surgical removal or excision
-osis	abnormal condition
-genio	Cell
-ion	blood condition
	Instrument to visually examine
	Record

30. Write the meaning of the pre-fixes provided and give an example **(10marks)**

- a) Bi –
- b) pancy –
- c) poly-
- d) hemi-
- e) halo-
- f) macro-
- g) micro-
- h) Epi-
- i) circum-
- j) hypo-
- k) hyper-

### Section C

1. Discuss the six abdominal regions, the organs found in each region and their functions

**(20marks)**

- 2. Outline the meanings of any ten terms ending with the suffix - ectomy **(20marks)**
- 3. Discuss the terminologies associated with the pathology of the digestive system **(20marks)**