



KERALA UNIVERSITY OF HEALTH SCIENCES

ABSTRACT

Kerala University of Health Sciences – Academic – - Modification of pattern of University Practical Examination-BSc MLT 2016 Scheme - Applicable from 2020 BSc MLT regular practical examinations -orders issued.

ACADEMIC SECTION

U.O.No :2484/2020/AC II/PM/A I/KUHS

Date : 30-05-2020

- Read :- 1) Decision 3.2.2 of Board of Studies MLT meeting held on 30.01.2020
2) Decision no 3.2 of the meeting of Faculty of Allied Health Sciences held on 13.02.2020
3) Decision No.24.03 of 24th Academic Council meeting held on .05.03.2020
4) Decision No.59.36 of the 59th Governing Council meeting held on.25.04.2020 of

ORDER

Board of Studies MLT vide decision read (1) above recommended modification in the pattern of University Practical Examination of BSc MLT 2016 Scheme The recommended modification was approved by Faculty of Paramedical and Allied Health Sciences ,Academic Council ,and Governing Council vide decisions read(2) to (4) respectively

2) The Hon"ble Vice Chancellor has accorded sanction to implement the decision read (1) above modifying the pattern of University Practical Examination of BSc MLT 2016 scheme, as detailed below.

1st year BSc MLT – Basic Medical Laboratory Science and Haematology – I

Existing

1. Record – 10 marks
2. Differential Count/RBC count/WBC count/ Platelet

Changes

1. Record – 10 marks
- 2 RBC Count/ WBC Count/ Platelet Count/ Absolute





Count/ Absolute Eosinophil Count/Reticulocyte Count
- 40 marks

Eosinophil Count/ Reticulocyte Count - 25 marks

(Any one of the tests may be given to each student on random basis)

Hb- estimation by Sahli's haemoglobin or Cyameth
3. haemoglobin method/ PCV/ESR Osmotic fragility/ Red
cell indices calculation -30 marks

3 Prepare a blood smear of standard quality to Leishman
staining and perform differential reticulocyte count - 30
marks

4. Spotters (10 spotters)-20 marks

Hb estimation by Sahli's method or Cyanmethemoglobin
method / PCV/ESR/ Osmotic fragility/ Red Cell indices
4 Calculation - 15 marks

(Any one of the tests may be given to each student on random basis)

5 Spotters - (10 spotters) - 20 marks

Total - 100 marks

Document 2020/18611/1 - General - File No. 2020/2484/1
Approved by Regr on 30/05/2020 20:37:08

http://www.kuhs.ac.in
sn.Scc-RvD-ogFH-fbcI



KUHS, Thrissur

IInd year BSc MLT - Parasitology and Entomology Practical scheme change

Existing

Changes

1. Record - 10 mark

1. Record - 10 marks

2. Macroscopic and Microscopic examination of stool - 5 marks

2. Macroscopic and Microscopic examination of stool
(Saline and iodine preparation) - 15 marks

3. Concentration techniques for intestinal parasites in stool - 15
marks

3. Concentration techniques for intestinal parasites in
stool - 10 marks

4. Preparation of thin and thick blood smear - 5 marks

4. Examination of blood smear for Malarial and Filarial
parasites

10+10 = 20 marks

5. Staining - examination and identification of blood parasites -
20 marks

Dissection of mosquitoes to demonstrate

5. a. Head - 15 marks
b. Wing/leg - 10 marks

6. Dissection of mosquitoes to display mouth parts, wings and
legs - 20 marks

6. Preparation of permanent mounts of arthropods of
public health importance - 10 marks

7. Collection, preservation and preparation of permanent
mounts of arthropods of public health importance -25 marks

7. Spotter - 10 marks

Total - 100 marks

Total - 100 marks

Changes

1	Record	10 marks
2	Media	
	a. Procedure writing	10 marks
	b. PH adjustment	10 marks
	c. Pouring & sterility testing	10 marks
3	Isolation of mixed culture & colony morphology	10 marks
4	Biochemical tests (Any six tests on random basis)	30 marks
5	Spotters	20 marks
	Total	100 marks

Third year BSc MLT - Bacteriology

Changes

1	Sample processing	
	a. Macroscopy/ Microscopy	10 marks
	b. Culture, Grain stain, mobility	25 marks
	c. Biochemical	25 marks
	d. ABST	10 marks
	e. Reporting	10 marks
2	Serology	
	a. Widal tube test	20 marks
	b. VDRL/RPR/ASO test	10 marks
3	Spotters	30 marks
4	Record	10 marks





Total	150 marks

Fourth year BSc MLT - Virology, Mycology & Applied Microbiology

Changes

1	Record	10 marks
2	Applied Microbiology a. Water bacteriology b. Milk bacteriology	30 marks 10 marks
3	Specimen for hospital acquired infection	20 marks
4	Mycology a. Mould, LCB + Slide culture b. Yeast	30 marks 20 marks
5	ELISA	10 marks
6	Spotters	20 marks
	Total	150 marks

Fourth year - Project

1. Content, methods, findings - 25 marks
2. Presentation - 10 marks
3. Open viva - 15 marks

Total - 50 marks

3)The modifications will come in to existence from the 2020 Regular University practical examinations onwards.The modification shall be published as a corrigendum to the published syllabus of BSc MLT 2016 scheme.

4) Orders are issued accordingly

Registrar

To

The Principals of all MLT Colleges

Copy To,

PS to VC,PA to PVC,PA to Registrar, Dean Academic, CE,PA to CE,AR(Paramedical Examination section),SM (IT) for publishing the modification in the University Site) BoS MLT members,Dean of Faculty of Paramedical and Allied Health Sciences

Forwarded/By Order

Section Officer

Document 2020/18611/1 - General - File No. 2020/2484/1
Approved by Regr on 30/05/2020 20:37:08

<http://www.kuhs.ac.in>
sn.Scc-RvD-ocqFH-fbcI



KUHS, Thrissur