

KERALA UNIVERSITY OF HEALTH SCIENCES
THRISSUR – 680 596

ACADEMIC II SECTION

No: 911/AC II/BoS/2012(Allied)

Dated: 24/8/2012

Sub: - KUHS – Change in regulation of B.Sc MLT course – 2010 -11 and 2011 – 12 admission – Reg.

CORRIGENDUM

The, BoS Medical Laboratory Technology has informed that there are some changes in the regulations of B.Sc MLT course.

In Clause 1.1, 1.2, 1.3, 1.4 & 1.5 of existing syllabus

“Regulation and scheme of examination

1. University Examinations and Promotion of students.

1.1 There shall be university regular examination at the end of each year;

1.2 All students will TEMPORARILY continue to the next semester/year irrespective of the results of the examination.

1.3 In case of failed / not appeared candidates, a ‘SAY’ (Save A Year) examination will be conducted within two weeks after publication of results and candidates need appear for only those papers / subjects in which He/ She has failed and includes theory, practical and viva, of the failed subject , for securing complete pass in the examination.

1.4 The candidates failed in the ‘SAY’ examination will not be allowed to continue with the original batch and will be allowed to continue with the Junior Batch only. He/ She will have to write the internal sessional exams with them and will have to undergo examinations in all the subjects.

1.5 EXEMPTION will not be granted for regulation 1.4 and a candidate before appearing the 2nd, 3rd year & 4th year BSc (MLT) examination should have passed in all the subjects of the 1st , 2nd, & 3rd year year BSc (MLT) examinations respectively.”

The above said clauses are modified as

1.1. University Examinations and Promotion

There shall be university regular examination at the end of each Academic year; in case of failed/not appeared candidates a supplementary examination will be conducted within six months after the previous regular examination result publication. Candidates who fail in one or more papers in the examination need to appear for only those papers including theory, practical and viva, for securing complete pass in the examination.

1.2 Criteria for pass and grace marks

Candidate who has secured a minimum of 45% marks in the University theory examination, aggregate of 50% marks in theory block (University Theory examination, Theory sessional examination and viva), 45% marks in University practical and aggregate of 50% in practical block (University Practical & Practical Internal assessment) separately in any subject or subjects shall be declared to have passed in that subject / subjects. There will be no minimum marks for viva examination. If a candidate fails in either theory or practical paper he/she has to reappear for both the papers (Theory and practical & viva).

A candidate who fails in any subject in the university examination may appear for that subject in the subsequent supplementary or regular university examination.

Five marks (or as per university regulations) may be given as grace mark either in a subject alone or distribute it among subjects so as to make the candidate eligible for a pass.

1.3. Criteria for Promotion.

Student shall be promoted up to third year irrespective of whether he/she has passed the first, or second year university examinations provided he/she has attained 80% attendance and appeared in all the sessional examinations for both theory and practical in the respective year. But a candidate before appearing the third year BSc (MLT) examination shall have passed in all the subjects of first and second year BSc (MLT) examinations. If the candidate fails in subject/subjects in the first or second year or both, he/ she will be retained in the third year itself. Though the candidate fails in third year examination but he or she passed both first and second year shall be promoted to fourth year. The candidate before appearing the fourth year BSc MLT examination shall have passed in all the subjects of third year BSc MLT.

Clause 1.4 and 1.5 will not be applicable. There will be no SAY examination, only supplementary examination will be conducted.

Clause No.3 of existing syllabus

“Internal Assessment marks.

The internal assessment marks in theory/Practical shall be restricted to a maximum of 20% of the University Examinations - in Theory / Practical separately. The internal assessment marks in theory/Practical shall be on the basis of the assessment made by the teachers from the candidate's performance in the: **Three (3) sessional examinations** conducted by the department, **Laboratory work and seminars** during the course of study (**A log book/ Record is to be maintained duly signed by the appropriate teachers**)

The marks secured by the candidates in each paper/subject shall be forwarded to the university at the end of the course for university examinations.

The candidates who failed in the university examination will be allowed a separate internal assessment for both theory and practical including viva.”

Clause No.3 of existing syllabus have been changed as follows

3. Internal Assessment marks.

The internal assessment marks in theory/Practical shall be restricted to a maximum of 25% of the University Examinations –in Theory/Practical separately. The internal assessment marks in theory/Practical shall be on the basis of the assessment made by the teachers from the candidate's performance in the: Three (3) sessional examinations (evenly placed) conducted by the department, Laboratory work and seminars during the course of study. The third sessional examination

should be conducted as model examination. The best of first two sessional examinations marks and the third sessional model examination (compulsory) should be included for calculating internal assessment marks. The marks secured by the candidates in each paper/subject shall be forwarded to the university at the end of the course for university examinations. The class average of the sessional marks should not exceed 75%. The candidates who failed in the university examination will be allowed a separate internal assessment for both theory and practical including viva. The minimum requirement of internal assessment for appearing university examination shall be 35%. If a candidate not securing minimum internal assessment he / she should appear for next university examination (supple or regular) after securing minimum internal assessment. But student shall be promoted to the subsequent years. A regular record of theory and practical sessional marks shall be maintained for each student in the institution.”

Scheme of Examination, distributing marks, the detailed scheme of mark distribution in each subject shown in the table of existing syllabus is follows

Scheme of Examination

Paper-I	First year Anatomy & Physiology Anatomy including Histology - Section A Physiology - Section B
Paper-II	Biochemistry-I - Section A & Section B
Paper III	Basic Microbiology & Immunology -Section A & Section B
Paper IV	Basic Medical Laboratory Science & Haematology-I -Sect A & Sect B
Practical examination in Paper I will be for two days, one day for section A and the other for section B. Practical Examination in Paper II,III & IV will be in one day for each paper.	
	Second year
Paper V	Biochemistry II -Section A & Section B
Paper VI	General Microbiology -Section A & Section B
Paper VII	Parasitology & Entomology Parasitology - Section A Entomology - Section B
Paper VIII	Haematology-II & Clinical Pathology -Section A & Section B
Practical examination in PaperV(BiochemistryII)&VI(GeneralMicrobiology)will be in two consecutive days for each paper and & paper VIII(Haematology-II & Clinical Pathology) will be in one day and for Paper VII(Parasitology & Entomology) will be for two days, one day for Parasitology and the other for Entomology.	
	Third year
Paper IX	Biochemistry III - Section A & Section B
Paper X	Bacteriology -Section A & Section B
Paper XI	Cytology and Transfusion technology -Section A & Section B
Paper XII	Electronics & Biomedical Instrumentation technology. -Sect A & SectB

Practical examination in Paper IX(Biochemistry III) & X (Bacteriology) will be in three consecutive days for each papers and for Paper XI(Cytology and Transfusion technology) will be two days one day for Cytology & the other for Transfusion Technology. Practical examination for paper XII(Electronics & Biomedical Instrumentation technology) will be one day

	Fourth year
Paper XIII	Biochemistry IV -Section A & Section B
Paper XIV	Mycology, Virology & Applied Microbiology Mycology, Virology - Section A Applied Microbiology - Section B
Paper XV	Histotechnology and Cytogenetics -Section A & Section B
Paper XVI	Project (should be submitted for evaluation in the fourth year BSc MLT practical examination)

Practical examination in Paper XIII(Biochemistry IV) & XIV(Mycology, Virology & Applied Microbiology) will be in three consecutive days for each paper and for paper XV(Histotechnology and Cytogenetics) will be two days . Paper XVI(Project) shall be valued by the final year university examiners of concerned subject projects.

Is modified as

The following rule may be followed when distributing marks

Paper I&VII(Anatomy & Physiology)&(Parasitology & Entomology)

Theory-	Section A	--50 marks
	Section B	--50 marks
Practical-	Section A	--50 marks (5 marks for Record)
	Section B	--50 marks (5 marks for Record)
Oral-	Section A	--25 marks
	Section B	--25 marks

Sessional marks

Theory-	Section A	--25 marks
	Section B	-- 25 marks
Practical	Section A	-- 25 marks
	Section B	-- 25 marks

Other papers

Theory-	Section A	-- 50 marks
	Section B	-- 50 marks
Practical -	Section A+B	--100/150 marks (10 marks for Record)
Oral-	Section A +B	-- 50 marks

Sessional marks

Theory	-	Section A+B	-- 50 marks
Practical		Section A+B	-- 50 marks

The detailed scheme of mark distribution in each subject is shown in the table

Subject	Theory						Practical						Grand Total	
	University		Session	Ora l	Total		University		Session	Total		Max	Min	
	Max	Min	Max		Max	Min	Max	Min	Max	Min				
Paper-I to VIII	100	45	50	50	200	100	100	45	50	150	75	350	175	
Paper-IX to XI	100	45	50	50	200	100	150	68	50	200	100	400	200	
Paper-XII	100	45	50	50	200	100	100	45	50	150	75	350	175	
Paper-XIII to XV	100	45	50	50	200	100	150	68	50	200	100	400	200	
Paper-XVI	50											50	25	

The above Scheme of Examination, distribution marks, the detailed scheme of mark distribution in each subject shown in the table of existing syllabus have been changed as follows

1. Scheme & Schedule of Examination

Paper-I	First year Anatomy & Physiology Anatomy including Histology -Section A Physiology - Section B
Paper-II	Biochemistry-I
Paper III	Basic Microbiology & Immunology
Paper IV	Basic Medical Laboratory Science & Haematology - I
Practical examination in Paper I will be for two days, one day for section A and the other for section B. Practical Examination in Paper II,III & IV will be in one day for each paper.	
	Second year
Paper V	Biochemistry II
Paper VI	General Microbiology -
Paper VII	Parasitology & Entomology
Paper VIII	Haematology-II & Clinical Pathology
Practical examination in Paper V & VI will be in two consecutive days for each paper and & paper VIII will be in one day and for Paper VII will be for two days, one day for Parasitology and the other for Entomology.	
	Third year
Paper IX	Biochemistry -III
Paper X	Bacteriology
Paper XI	Cytology and Transfusion technology
Paper XII	Electronics & Biomedical Instrumentation technology
Practical examination in Paper IX & X will be in three consecutive days for each papers and for Paper XI will be two days one day for Cytology & the other for Transfusion Technology. Practical examination for paper XII will be one day	
	Fourth year
Paper XIII	Biochemistry IV
Paper XIV	Mycology, Virology & Applied Microbiology
Paper XV	Histotechnology and Cytogenetics
Paper XVI	Project (should be submitted for evaluation in the fourth year BSc MLT practical examination)
Practical examination in Paper XIII & XIV will be in three consecutive days for each paper and for paper XV will be two days. Paper XVI shall be valued by the final year university examiners of concerned subject projects.	

2. The following rule may be followed when distributing marks

Paper I

**Theory- Section A --50 marks
 Section B --50 marks**

Sessional marks

Theory- Section A --12 marks

Section B --13marks

Other papers

Theory- --100 marks

Practical --100/150 marks (10 marks for Record)

Oral --50 marks

Sessional marks

Theory --25 marks

Practical --25 marks

The detailed scheme of mark distribution in each subject is shown in the table

The detailed scheme of mark distribution in each subject is shown in the table

Subject	Theory							Practical						Grand Total	
	University Theory		Sessional		Oral	Total		University		Session	Total				
	Max	Min	Max	Mini	Max	Max	Min	Max	Min	Max	Mini	Max	Min	Max	Min
Paper-I to VIII	100	45	25	9	50	175	88	100	45	25	9	125	63	300	150
Paper-IX to XI	100	45	25	9	50	175	88	150	68	25	9	175	88	350	175
Paper-XII	100	45	25	9	50	175	88	100	45	25	9	125	63	300	150
Paper-XIII to XV	100	45	25	9	50	175	88	150	68	25	9	175	88	350	175
Paper-XVI	50													50	25

Considering the recommendation of the BoS Medical Laboratory Technology the Vice Chancellor by exercising the Powers conferred by Sub Section 7 of Section (12) of Kerala University of Health Sciences Act 2010 (Act 4 of 2011) has accorded sanction for implementing the above decision of the BoS Medical Laboratory Technology subject to ratification of the Faculty of Allied Health Science and the Academic Council.

Orders are issued accordingly.

Sd/-
REGISTRAR

To

The Principals of all Colleges having B.Sc MLT affiliated to
KUHS

Copy to

PS to VC/PVC/Regr./Chairman, BoS MLT/
Dean, Faculty of Allied Health Science/C.E/S.M./
Exam II/S.F./F.C.