

***ORDINANCE: M.Sc. Medical Laboratory Technology (MLT) Examination**
(Annual System) (w.e.f. the Academic session 2012-13)

1.1 The admission/examination for the degree of M.Sc. MLT shall be held in the following subjects:-

1. **Biochemistry**
2. **Microbiology**
3. **Pathology**

1.2 DURATION OF THE COURSE:

The duration of the course leading to the Degree of M.Sc. MLT shall be of two academic years followed by compulsory rotatory internship of six months. There shall be actual teaching for a minimum of 180 days excluding admissions, preparation and examination days in each year.

2. ELIGIBILITY:

A person who has passed B.Sc. MLT/BMLT examination with atleast 50% marks in aggregate from a recognized University, shall be eligible to join the First year of M.Sc. MLT course.

3.1 EXAMINATION:

The annual university examination shall be held at the end of each of First and Second years, ordinarily in the months of May/June, on such dates as may be fixed by the Vice-Chancellor and notified by the Controller of Examinations. The candidates shall have to appear in the examination after completion of first year and then after completion of the second year and submission of Project Report.

Note: For batch of 2012 the candidates will appear in the examination only after completion of the second year and submission of the Project Report.

3.2 SUPPLEMENTARY EXAMINATION:

The Supplementary examinations for re-appearing candidates shall be held ordinarily in the month of December/January.

4. ELIGIBILITY FOR EXAMINATION:

The First and Second year examinations shall be open to a regular student who :-

(i) has passed the requisite qualifying examination as laid down in Clause 2 above, if he/she is a candidate for the First year examination, or, has passed the preceding year examination if he/she is a candidate for the Second year examination.

(ii) has his/her name submitted to the Controller of Examinations by the Principal, MM Institute of Med. Sciences & Research (MMIMS&R) and produces the following certificates signed by him:-

(ii.a) of a good character;

(ii.b) of having remained on the rolls of the concerned department for the year preceding the examination;

(ii.c) of having attended not less than 80% of the full course of lectures delivered in each year in Theory and Practicals (the course to be counted upto the last day when the classes break up for preparatory holidays i.e. 10 days before the commencement of the examination).

A deficiency of lectures upto 10% may be condoned by the Principal of the College/Institute in exceptional cases on reasonable grounds.

- 5.1 20% marks each in Theory & Practicals shall be assigned for Internal Assessment in each year.
- 5.2 The Principal of the Institute shall forward the Internal Assessment marks on the basis of periodical tests, attendance, etc. to the Controller of Examinations at least one week before the commencement of the annual examinations.
- 5.3 The Principal of the Institute will preserve the records on the basis of which the Internal Assessment awards have been prepared, for inspection, if needed by the University upto six months from the date of declaration of the Annual examination results.
- 5.4 The Internal Assessment award of a candidate who fails in yearly examination shall be carried forward to the next examination.
6. The examination shall be held according to the Scheme of examination and Syllabus prescribed by the Academic Council. A candidate who fails in an examination or having been eligible fails to appear in the examination shall take the examination according to syllabus prescribed by the University for regular students provided that the syllabus for the candidates of Supplementary examinations shall be the same as was in force in the last annual examination.

7.1 APPOINTMENT OF EXTERNAL/INTERNAL EXAMINERS FOR AWARD OF M.SC MLT COURSE:

- The Examiner shall have atleast **one year** teaching experience in the Subject concerned or in Allied subjects in a college affiliated to a recognized University.
- There shall be **two examiners out of which one shall be external examiner** so that uniformity in the matter of assessment of candidates is maintained. The Board of Studies shall supply the panel of examiners to University for appointment of internal/external examiners by the Vice-Chancellor.
- The question paper of Theory Paper – A & B shall be set and Answer-books examined by the same External Examiner which will be moderated by the Internal examiner as per the syllabus of M.Sc MLT.
- The External Examiner shall be from outside the University.
- The same set of examiners shall ordinarily evaluate the written, practical and oral examinations.

7.2 Academic qualifications and teaching/professional experience for appointment of Examiners in each Branch of M.Sc. MLT:

- M.D or Ph.D or Ph.D MLT in Biochemistry /Microbiology/ Pathology with one year of teaching/professional experience after post-graduation in a teaching institution or in a laboratory.

OR

- M.Sc. MLT /M.Sc. Medical with five years of teaching/professional experience of which atleast 2 years after the post-graduate qualification in a teaching institution or laboratory approved by this University.

8. PROJECT REPORT:

Each candidate pursuing M.Sc. MLT course is required to carry out Project Report work on a selected topic under the supervision of a recognized post-graduate teacher **for a period of one year after the submission of synopsis.**

The Project Report is aimed to train the students in research methods and techniques. It includes identification of problem, formulation of hypothesis, search and review of literature, getting acquainted with recent advances, collection of data, critical analysis, interpretation of results and drawing conclusions. Protocol submission is required within six months from the date of admission and has to be approved by Institutional Ethical

Committee (IEC) and Board of PG Studies within nine months from the date of admission. Final Project Report shall be submitted to the Principal, MMIMS&R before three months of final examination.

Two hard copies of synopsis containing particulars of the proposed Project Report shall be submitted to the Principal, MMIMS&R after its scrutiny and approval by the concerned PG Board of Studies within one year.

The Project Report topic or Supervisor or change of topic shall be assigned/ made on the recommendation of the concerned PG Board of Studies.

The written text of Project Report shall not be less than 50 pages and shall not exceed 100 pages excluding references, tables, questionnaires and other annexure. A declaration by the candidate that the work was done by him/her is bonafide. The Supervisor, Head of the department and Head of the Institution shall certify the bonafide of the Project Report.

Two copies of Project Report shall be submitted to the Principal and one copy to Head of the Department with a soft copy; three months before the final examination. **It shall be assessed by internal examiner to be appointed by the Principal, MMIMS&R.** No marks shall be awarded for dissertation.

9. INTERNSHIP:

Every candidate will be required after passing M.Sc. MLT examination to undergo Compulsory Rotational Internship for the **duration of six months** in the concerned subject to the satisfaction of the Principal of the Institute.

10. The medium of instruction and examination shall be English.

11. A candidate must pass the whole course within **four & half year (including internship of six months)** of his/her admission to First year of the course failing which he/she will be required to repeat the course de novo.

12. €EXAMINATION FEE:

The amount of examination fee to be paid by a regular student shall be as prescribed by the University from time to time. A candidate who re-appears in one or more paper(s) shall pay examination fee as for the whole examination.

13. **PASSING SCORE:**

The Minimum number of marks required to pass in examination shall be **50%** marks in aggregate in each of the subjects separately with a minimum of **50%** marks in Theory (including oral examination) and clinical/practical separately inclusive of internal assessment, as the case may be.

- After termination of the examination, the Controller of Examinations shall publish the result of the candidates and issue Detailed-Marks-Cards.
- A successful candidate of M.Sc. MLT examination shall be granted the Degree, only after he/she has completed **internship** as prescribed.

14. Notwithstanding the integrated nature of this course which is spread over more than one academic year, the ordinance in force at the time a student joins the course, shall hold good only for the examination held during or at the end of the academic year, and nothing in the ordinance shall be deemed to debar the University from amending the ordinance and the amended ordinance, if any, shall apply to all students whether old or new.

***(Approved by the Academic Council vide Res. 17 dated 13-12-2013 and Board of Management vide its Res. No. 11 dated 27-12-2013)**

€ Approved vide AC Res. No. 9 dated 26-6-2017 and BOM Res. No. 6 dated 6-7-2017.