

QP Code: 103385

Reg. No.....

**First Year M.Sc. MLT Degree Supplementary Examinations January 2025
(Microbiology)**

Paper III - Medical Parasitology and Mycology

Time: 3 hrs.

Max. marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers*
- *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays:

(10x10=100)

1. Explain the morphology, life cycle and laboratory diagnosis of *Ascaris lumbricoides*.
2. Visceral leishmaniasis: Etiology, pathogenesis and lab diagnosis
3. Amoebic dysentery: Etiology, pathogenesis and lab diagnosis.
4. Examination of blood for parasites.
5. Neurocysticercosis.
6. Mucormycosis.
7. Mycotoxins.
8. Chrome agar *Candida*: Principle, uses and application.
9. *Cryptococcus neoformans*.
10. Sporotrichosis: Etiology, pathogenesis and laboratory diagnosis.
