

**QP Code: 103385**

**Reg. No.....**

**First Year M.Sc. MLT Degree Supplementary Examinations April 2019  
(Microbiology)**

**Paper III - Medical Parasitology and Mycology**

**Time: 3 hrs.**

**Max. marks: 100**

- **Answer all questions**
- **Draw diagrams wherever necessary**

**Essays:**

**(10x10=100)**

1. Name the free living amoebae. Describe the morphology, pathogenesis and lab diagnosis of naegleria fowleri.
2. Life cycle and lab diagnosis of plasmodium falciparum.
3. Hydatid cyst and its pathogenesis.
4. Life cycle and lab diagnosis of wuchereria bancrofti.
5. Concentration techniques for demonstrating parasitic ova.
6. Culture methods employed for fungal isolation.
7. Superficial mycotic infections.
8. Rhinosporidiosis.
9. Name the dimorphic fungi. Describe histoplasmosis.
10. Mucormycosis

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