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MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD SEMESTER M.Sc. (MEDICAL MICROBIOLOGY) DEGREE EXAMINATION – MAY 2022

SUBJECT: PARASITOLOGY (MIC 703)

Monday, May 16, 2022

Time: 14:00 – 16:30 Hrs.

Maximum Marks: 50

✍ Answer ALL questions.

✍ Draw diagrams and flow charts wherever appropriate.

1. Classify medically important flagellates based on their habitats. Describe the laboratory diagnosis of Kala Azar.

(10 marks)

2. Describe the life cycle, pathogenesis and laboratory diagnosis of *Strongyloides stercoralis*.

(10 marks)

3. Write short notes on:

3A. Life Cycle and pathogenesis of *Trichuris trichiura*

3B. Pathogenesis and Lab diagnosis of Extra Intestinal Amoebiasis

3C. Life cycle and Laboratory diagnosis of Urinary Schistosomiasis

3D. Pathogenesis and laboratory diagnosis of *Balantidium coli*

3E. Microfilaria of the filarial nematodes infecting man

3F. Life cycle and laboratory diagnosis of *Echinococcus granulosus*.

(5 marks × 6 = 30 marks)

