

2103000206020071
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (SIXTH SEMESTER)
MEDICAL LABORATORY TECHNOLOGY-XVII
(MLT-17-PARASITOLOGY
AND MYCOLOGY) - LEVEL 2

[Time: As per schedule]

[Max. Marks:50]

Instructions:

- 1. 1. Fill up strictly the following details on your answer book**
- a. Name of the Examination : **BACHELOR OF SCIENCE (SIXTH SEMESTER)**
- b. Name of the Subject : **MEDICAL LABORATORY TECHNOLOGY-XVII (MLT-17-PARASITOLOGY AND MYCOLOGY)**
- c. Subject Code No : **2103000206020071**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Answer in brief:

08

1. Give examples of fungi responsible for causing Superficial mycosis.
2. Describe the trophozoites of Giardia lamblia.
3. Name the larval forms of Taenia spp.
4. Name the parasite responsible for causing Filariasis. Give the mode of transmission of this disease.

Q.2 Answer the following: (Any Two):

14

1. Describe the morphological forms of Ascaris lumbricoides.
2. Laboratory diagnosis of Taenia spp
3. Describe the life cycle of Plasmodium vivax.

Q.3 Answer the following:(Any Two):

14

1. Give examples of fungus causing opportunistic mycosis. Explain the clinical features and laboratory diagnosis of any one in detail.
2. Laboratory Diagnosis of *Leishmania donovani*.
3. Life cycle of *Schistosoma haematobium*.

Q.4 Answer the following:(Any Two):

14

1. Larval form of *Wuchereria bancrofti*.
2. Life cycle of *Entamoeba histolytica*.
3. Histoplasmosis.
