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RAN-2103000206020071

T.Y B.Sc. (Sem. VI) Examination March - 2025

MLT- 17 : Parasitology and Mycology

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

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નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T.Y B.Sc. (Sem. VI)

Name of the Subject :

MLT- 17 : Parasitology and Mycology

Subject Code No.: 2103000206020071

Seat No.:

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Student's Signature

- (2) Q.1 is a compulsory question.
- (3) Draw diagrams wherever necessary.
- (4) Figures to the indicates the marks allotted to the questions.

Q-1. Answer in brief: 08

1. Enlist the types of superficial mycosis giving suitable examples.
2. Define: Parasite and Parasitism.
3. Give one examples each of oviparous and viviparous nematodes.
4. Describe the eggs of *Schistosoma japonicum*.

Q.2. Answer the following: (Any Two): 14

1. Explain the morphological forms and life cycle of *Leishmania donovani*.
2. Give differentiating features of *Schistosoma haematobium* and *Schistosoma mansoni*.
3. Discuss the microscopic examination of mycosis.

Q.3. Attempt the following: (Any Two): 14

1. Write short notes on : *Trichuris trichiura*
2. Describe the life cycle and laboratory diagnosis of *Echinococcus granulosus*.
3. Enlist the fungi responsible for Opportunistic Mycosis. Explain any one in detail.

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[P.T.O.]

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

14

1. Explain the life cycle of Malarial Parasites.
 2. Discuss the laboratory diagnosis of *Strongyloides stercoralis*.
 3. Describe the differentiating features of *Taenia solium* and *Tanea saginata*.
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