



RAN - 2103000206020071

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**T. Y. B. Sc. (MLT) (Sem. - VI) Examination April - 2023**

**Medical Laboratory Technology : MLT - 17**

**Parasitology and Mycology**

**Time: 2 Hours ]**

**[ Total Marks: 50**

**सूचना : / Instructions**

(1)

नीचे दृश्यावलोकन निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.

Fill up strictly the details of signs on your answer book

Name of the Examination:

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

Name of the Subject :

Medical Laboratory Technology : MLT - 17 Parasitology and Mycology

Subject Code No.: 2103000206020071

Seat No.:

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Student's Signature

- (2) Answer all the questions.
- (3) Draw neat and labeled diagrams wherever necessary.
- (4) Figures to the right indicate full marks of the question.

**Q-1 Answer in short on the following:**

**(08)**

- (a) How to collect specimen to diagnose various fungal infections?
- (b) What is tissue cyst and pseudocyst?
- (c) Name the intermediate host and definitive host of *Schistosoma haematobium*.
- (d) Give the binomial name of round worm and whip worm.

**Q-2 Explain the following: (Any 2)**

**(14)**

- (a) Morphological forms of *Entamoeba histolytica*.
- (b) Laboratory diagnosis of *Echinococcus granulosus*.
- (c) Cutaneous mycosis: Causative agent, clinical features and laboratory diagnosis.

**Q-3** Write an essay on the following describing the Morphology and Life Cycle and Laboratory diagnosis of any one of the following: (12)

(a) *Leishmania donovani*

(b) *Wuchereriabancrofti*

**Q-4.** Write notes on the following: (Any 2): (16)

(a) Life cycle of *Guinea worm*.

(b) Hydatid cyst.

(c) *Naegleria fowleri*.

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