



**BBI-02012143**

Seat No. \_\_\_\_\_

**Second Year M. B. B. S. Examination**

**July - 2021**

**Microbiology : Paper - II**

*(Virology, Parasitology, Mycology, Recent Advances)*

Time : 2 Hours]

[Total Marks : 40

- Instruction :** (1) Figures on right hand side indicate full marks.  
(2) Draw neat and clean diagram wherever necessary.  
(3) Write Section-I and Section-II in separate answer book.

**SECTION - I**

- 1 9 Years old male present with complain of perianal itching at night time, teeth grinding and insomnia, on examination there is presence of Puritus and Eczema around anus & perineum. Stool examination shoes plano-convex eggs.
- (A) Identify the Parasitic infection. **2**
- (B) Draw Life cycle of this Parasite. **3**
- (C) Describe Morphology, Pathogenicity & Laboratory diagnosis of this Parasitic infection. **5**
- 2 Write short notes on : (any **two**) **10**
- (A) Human Immunodeficiency Virus.
- (B) Laboratory diagnosis of Hepatitis B virus infection.
- (C) Dengue Virus.

**SECTION - II**

- 3 Write short notes on : (any **two**) **10**
- (A) Candidiasis.
- (B) Dermatophytoses.
- (C) Bio-Medical Waste Managment.

- 4 Write answers in 2-3 sentences : (any **five**) **10**
- (A) Draw and label the diagram of Trophozoite & Cyst of Giardia lamblia.
  - (B) Enumerate two parasite where man act as an intermediate host.
  - (C) What is TORCH infection?
  - (D) Enumerate four DNA Virus.
  - (E) Germ Tube Test.
  - (F) Name four dimorphic fungus.
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