

# M.B.B.S. [2<sup>nd</sup> Prof.]

BF/2021/07

## Microbiology - B

M.M. : 40

Time : 3 Hours

- Note:
1. Attempt all questions. Illustrate your answer with suitable diagrams.
  2. ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.
  3. **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED**
  4. **The student must write Q.P. Code in the space provided on the Title page of the Answer Book.**

### PART - I

1. Enumerate the intestinal nematodes causing disease in human. Discuss the life cycle and lab diagnosis of any one of them. [5]
2. **Write short notes on :** [3+2]
  - a. Rapid diagnostic methods of malaria
  - b. Fasciola hepatica
3. **Write short notes on :** [4+3+3]
  - a. Diamorphic fungi
  - b. Cryptococcus neoformans
  - c. Germ tube test

### PART - II

4. Draw a labeled diagram of human immune deficiency virus and describe the strategies used for AIDS diagnosis in National AIDS Control Programme. [3+5]
5. **Write short note on:** [4+4+4]
  - a. Viral vaccines in National immunization programme
  - b. Negri bodies
  - c. Diagnosis of Hepatitis B virus

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