

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

BF/2021/02

## 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. Describe life cycle and laboratory diagnosis of Entamoeba histolytica. Enumerate differences between amoebic dysentery and bacillary dysentery. [6+2]
2. **Write short notes on :** [3+3]
  - a. Histoplasmosis
  - b. Detection of fungal elements in clinical specimens
3. **Write short notes on :** [3+3]
  - a. Falciparum malaria
  - b. Free living amoebae

### PART - II

4. Describe pathogenesis, clinical manifestation and laboratory diagnosis of rabies virus infections. [8]
  5. **Write short note on:** [3+3]
    - a. Congenital rubella
    - b. Polio vaccines
  6. **Write short notes on :** [3+3]
    - a. COVID-19
    - b. EBV- associated malignancies
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