2406121401010503
EXAMINATION JANUARY 2025
DOCTOR OF MEDICINE
DOCTOR OF MEDICINE (MICROBIOLOGY)
PAPER - III - LEVEL 1

[Time: As Per Schedule] **[Max. Marks: 100]**

Instructions:
1. Fill up strictly the following details on your answer book
   a. Name of the Examination : **DOCTOR OF MEDICINE**
   b. Name of the Subject : **DOCTOR OF MEDICINE (MICROBIOLOGY) PAPER - III - LEVEL 1**
   c. Subject Code No : **2406121401010503**
2. Drew and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

Student's Signature

Q.1 Enumerate fungi causing systemic infections. Describe mycology, clinical features, laboratory diagnosis and treatment of Blastomycosis. **20**

Q.2 **Write short notes on** **20**
(a) Write in brief on glandular fever.
(b) Write a note on immunological abnormalities associated with HIV infection.
(c) Write a note on antifungal susceptibility testing.
(d) Discuss the pathogenesis, clinical manifestation and laboratory diagnosis of cysticercus cellulosae.

Q.3 Enumerate arboviruses prevalent in India. Discuss pathogenesis and laboratory diagnosis of Dengue. Add a note on Dengue vaccines. **20**

Q.4 **Write short notes on** **40**
(a) Discuss the morphology, life cycle, pathogenicity and laboratory diagnosis of malarial parasite.
(b) Enumerate fungi causing opportunistic infections. Discuss laboratory diagnosis of candidial infections.
(c) Discuss the morphology, pathogenesis, laboratory diagnosis and prevention of HBV.
(d) Discuss antigenic variations in Orthomyxoviruses.

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