

Q.P. Code: 206001

Reg. No.:

**Second Professional MBBS Degree Regular/Supplementary
Examinations May 2021**

Microbiology - Paper II

Time: 2 Hours

Total Marks: 40

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(10)

1. A 35-year-old male with history of multiple sex partners was admitted with complaints of unexplained fever, progressive loss of weight, persistent diarrhea and generalized lymphadenopathy for past six months

- What is the most probable diagnosis
- Draw a labeled diagram of the morphology of the causative agent of this condition
- Discuss the pathogenesis
- Write lab diagnosis of the above condition in detail
- Name two parasites causing diarrhoea in this group of patients
- Mention the prophylactic measures

(1+1+2+3+1+2)

Short essay:

(2x5=10)

2. Cryptococcosis

3. Lab diagnosis of malaria

Short notes:

(10x2=20)

4. Taenia capitis

5. Slide culture technique

6. MR vaccine

7. Primary cell culture

8. Complication of falciparum malaria

9. Difference between amoebic dysentery and bacillary dysentery

10. Inclusion bodies

11. Name two liver flukes

12. Cyclops

13. Antigenic variation in influenza virus
