

Q.P. Code: 206001

Reg. No.:

**Second Professional MBBS Degree Supplementary Examinations
December 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 10 years old boy developed multiple vesicles over the lips and buccal mucosa scraping taken from the lesion demonstrated presence of multiple giant cells (Tzanck cells)
 - What is the most probable diagnosis
 - Discuss the pathogenesis of the above condition in detail
 - How do you diagnose this infection in laboratory
 - Name four other viruses belonging to the same family
 - What are the other clinical manifestation produced by this virus (1+2+3+2+2)

Short essay:**(2x5=10)**

2. NACO strategies for HIV diagnosis
3. Dermatophytes

Short notes:**(10x2=20)**

4. Causative agents of mycetoma
 5. Germ tube test
 6. Hepatitis B vaccine
 7. Rhinosporidiosis
 8. Name complications of falciparum malaria
 9. Giardia lamblia
 10. Laboratory diagnosis of kala azar
 11. Define intermediate host. Give two examples
 12. Visceral larva migrans
 13. Draw neat labeled diagram of microfilaria bancrofti
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