

**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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