

Q.P. Code: 206001

Reg. No.: .....

**Second Professional MBBS Degree Supplementary Examinations**  
**May 2022**  
**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. Read the following clinical history and answer the following questions

A 45 years old diabetic male was hospitalized in ICU isolation ward for the following complaints. High fever for two days, rapidly progressive sore throat, cough, dyspnoea and headache of one day duration. He gave history of returning from a country which was notified for the presence of a pandemic flu like disease.

- What is the most probable diagnosis.
- What specimen do you collect from the patient
- How do you transport it to laboratory
- How will you proceed with the specimen in the microbiology lab for the proper lab diagnosis.
- What is the role of vaccine in preventing this disease

**(1+1+2+4+2)****Short essay:****(2x5=10)**

2. Subcutaneous mycosis  
3. Post exposure Prophylaxis for Rabies.

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

4. Name four dimorphic fungi.  
5. Primary amoebic meningoencephalitis  
6. Name four complications of Falciparum malaria.  
7. Lab diagnosis of toxoplasmosis  
8. Draw and label Ancylostoma ova  
9. Lab diagnosis of filariasis caused by Brugia malayi  
10. Neurocysticercosis  
11. Name four markers of Hepatitis-B infection.  
12. Pulse polio programme.  
13. Name four Arbo viruses

\*\*\*\*\*