

Second Professional MBBS Degree Examinations, February 2016**Microbiology - Paper II****Time: 2 Hours****Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

Essay:**(10)**

1. Read the clinical history and answer the following questions:

A 27 years old male was admitted in intensive medical care unit with drooling of saliva and fear for intake of liquids since morning. There was a past history of dog bite on his right leg ten days back.

- What is the provisional diagnosis
- Discuss briefly about the pathogenesis of the above clinical condition.
- Describe the laboratory investigations to confirm the diagnosis
- Explain the prophylaxis of this condition

(1+3+2+4=10)**Short essay:****(2x5=10)**

2. Ascaris lumbricoides.
3. Pathogenesis and laboratory diagnosis of lymphatic filariasis.

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

4. Serological markers of hepatitis B infection.
5. Prophylaxis of poliomyelitis.
6. Tissue culture
7. Cryptococcosis
8. Life cycle of plasmodium falciparum.
9. Piedra
10. Laboratory diagnosis of dermatophytosis.
11. Histoplasma capsulatum.
12. Viral haemorrhagic fever.
13. Cysticercus cellulosae.
