

Q.P. Code: 206001

Reg. no.:

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*.
