

Q.P. Code: 206001

Reg. No.:

Second Professional MBBS Degree Examinations February 2019

Microbiology - Paper II

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(10)

1. A 52 year old female with history of long standing uncontrolled diabetes mellitus on treatment presents to OPD with white patches in the oral mucous membrane. Scrapings obtained from the lesion showed gram positive budding yeast cells. Answer the following:

- What is the clinical diagnosis and the probable etiologic agent.
- What are the other clinical manifestations caused by this organism.
- Describe the laboratory diagnosis of this clinical condition.
- What will be the appropriate line of treatment. (2+3+4+1)

Short essay:

(2x5=10)

2. Asexual life cycle of plasmodium vivax.
3. Life cycle of bacteriophage.

Short notes:

(10x2=20)

4. Giardia lamblia.
5. Bancroftian filariasis.
6. Inclusion bodies.
7. Tinea capitis.
8. List two important differences between live and killed polio virus vaccines.
9. Give two examples of antiviral drugs.
10. Define definitive host with an example.
11. Measles vaccine.
12. Enumerate four dimorphic fungi
13. Cyclops.
