

Q.P. Code: 206001

Reg. No.:

**Second Professional MBBS Degree Supplementary Examinations
July 2019****Microbiology - Paper II****Time: 2 Hours****Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

Essay: (10)

1. A 52 years old man presents with the complaints of intermittent high fever, rigors and headache for the past 6 days. He gives a history of fever on alternate days and on examination has hepatosplenomegaly. Answer the following.

- What is the diagnosis of this condition
- List the species of the causative agent
- Name the definitive and intermediate hosts
- Discuss the laboratory diagnosis of this condition
- Enumerate the important preventive measures to prevent this disease

(1+2+1+4+2)

Short essay: (2x5=10)

2. Dermatophytes and lab. diagnosis of dermatophytosis
3. Markers of hepatitis B virus and lab. diagnosis of hepatitis B infection.

Short notes: (10x2=20)

4. Rhinosporidiosis
5. What is germ tube test
6. Mention two important complications of ascaris lumbricoides infestation
7. Draw a labelled diagram of hydatid cyst
8. Vaccines used to prevent poliomyelitis with immunization schedule.
9. Negri bodies
10. Four opportunistic infections seen in AIDS patients and causative agents.
11. DEC provocation test
12. Chikungunya virus
13. Penicilliosis
