

**Q.P. Code: 206001****Reg. no.:**

Second Professional MBBS Degree Supplementary Examinations,
September 2013

Microbiology - Paper II**Time: 2 Hours****Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

Essay:**(10)**

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

A 30 years old man presented with history of fever, chills on and off; O/E patient had hepatosplenomegaly, pallor++. A peripheral blood smear helped in the diagnosis.

- What are the probable diagnosis and the etiologic agent.
- Describe the life cycle of this agent.
- How the disease is diagnosed in the laboratory (2+4+4=10)

Short essay:**(2x5=10)**

2. Life cycle of taenia solium.
3. Epstein-Barr virus.

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

4. Laboratory confirmation of candida albicans.
5. Sporotrichosis.
6. Morphology of bacteriophage
7. Coxsackie viruses.
8. Cytopathic effect (CPE)
9. Prions
10. Gamma interferon.
11. Antigenic shift in influenza virus.
12. Chikungunya virus.
13. Negri bodies.
