

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

Second Professional MBBS Degree Supplementary Examinations,  
September 2014

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

- Answer all questions
- Draw diagrams wherever necessary

**Essay:** (10)

1. A 45 years old male complaints of intermittent high grade fever which was cyclical and associated with rigor and chills. On examination he has hepatosplenomegaly. Answer the following:

- What is the probable diagnosis.
- List the species of organism which can cause this type of disease
- Discuss briefly the pathogenesis of the condition
- Discuss in detail the laboratory diagnosis of this disease (1+2+3+4=10)

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

2. Discuss the laboratory diagnosis of mycetoma
3. Discuss the laboratory diagnosis of hepatitis B virus Infection

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

4. Rhinosporidiosis
5. Naegleria fowleri
6. Normal flora of skin
7. Hydatid cyst
8. Cryptosporidium
9. Mycotoxins
10. Dermatophytes
11. Cutaneous larva migrans
12. Papilloma virus
13. Morphology of influenza virus

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