

**Q.P. Code: 206001**

**Reg. no.: .....**

Second Professional MBBS Degree Examinations, February 2015

**Microbiology - Paper II**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(10)**

1. 19 years old female patient complaints of fever biphasic in nature with severe bone pains in the back and limbs. She had maculo-papular rash and developed haemorrhagic manifestations. Answer the following:

- What is the probable diagnosis.
- What is the transmitting vector for this disease.
- Discuss the laboratory diagnosis of this disease
- List two complications of this disease
- Mention the preventive measures to prevent this disease (1+1+4+2+2=10)

**Short essay:**

**(2x5=10)**

2. Pathogenesis of ascariasis
3. Discuss the lab diagnosis of candidiasis

**Short notes:**

**(10x2=20)**

4. Non-neural vaccines for rabies
5. Presumptive coliform count
6. Mycetism
7. Probiotics
8. Otomycosis
9. Microfilaria
10. Molluscum contagiosum
11. Trichomonas vaginalis
12. Continuous cell lines
13. Hospital acquired infection

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