

**Code: 206001**

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

Second Professional MBBS Degree Examinations, April 2013

**Microbiology - Paper II**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(10)**

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

A 35 year old man presented to the medical OPD with a history of intractable diarrhea for the past one week. He gave past history of multiple exposures six months back. On clinical examination he was emaciated and oral thrush was present.

- What is the provisional diagnosis.
- Mention the different routes of transmission in this condition.
- Explain the pathogenesis of the above clinical condition.
- Describe briefly the laboratory investigations.
- What is the confirmatory test.
- Mention any four important opportunistic infections associated with this disease.

(1+1+2+3+1+2=10)

**Short essay:**

**(2x5=10)**

2. Hydatid disease.

3. Pathogenesis and laboratory diagnosis of faciparum malariae.

**Short notes:**

**(10x2=20)**

4. Giardiasis.

5. Cryptosporidium parvum.

6. Tinea versicolor

7. Candida albicans.

8. Mycotoxins.

9. Mucormycosis

10. Infectious mononucleosis.

11. Prophylaxis of rabies.

12. Inclusion bodies.

13. MMR vaccine.

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