

Q.P. Code: 206001

Reg. no.: .....

Second Professional MBBS Degree Examinations, March 2014

**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 one year old child presented with h/o inability to move the limbs associated with neck stiffness following a bout of fever. Immunization history was not available. O/E the child had flaccid paralysis.

- What is the probable clinical diagnosis and name the etiologic agent
- Describe the pathogenesis of the disease .
- How it is diagnosed in the lab and mention the prophylaxis available (2+3+5=10)

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

2. Life cycle of dracunculosis medinensis.
3. Dengue hemorrhage fever

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

4. Otomycosis.
5. Cyst of giardia.
6. Acanthamoeba.
7. Intermediate and definitive host for toxoplasma gondii.
8. Hydatid cyst
9. Egg of schistoma hematobium.
10. Eclipse phase in viral replication.
11. Significance of p24 antigen.
12. Enumerate enterically transmitted hepatitis viruses.
13. Cryptosporidium parvum

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