

**Q.P. Code: 206001**

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

**Second Professional MBBS Degree Supplementary Examinations  
July 2018**

**Microbiology - Paper II**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay: (10)**

1. 20 years boy admitted in hospital with history of high grade fever and severe back pain and joint pain and bleeding gums. Answer the following.

- What is the probable diagnosis and the infecting agent.
- Classify arbo viruses and the ones seen in India.
- Name the complications of above disease
- Briefly describe the lab. diagnosis and prophylactic measures employed.

(1+3+2+2+2)

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

2. Cryptococcus neoformans
3. Laboratory diagnosis of falciparum malaria and its complications

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

4. Laboratory diagnosis of aspergillosis
5. Laboratory diagnosis of candidiasis
6. Tissue cell line culture
7. Rabies vaccines and latest schedule for immunization
8. Hook worm
9. Mycotic mycetoma
10. Lab. diagnosis of hepatitis B infection
11. Toxoplasmosis
12. Extra intestinal amoebiasis
13. Avian influenza

\*\*\*\*\*