

Q.P. Code: 206001

Reg. no.:

**Second Professional MBBS Degree Supplementary Examinations,
August 2017**

Microbiology - Paper II

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay: (10)

1. 30 years male admitted in hospital with h/o high grade fever, head ache, nasal discharge and cough and breathing difficulty. Answer the following.

- Name the main group of viruses causing respiratory infections
- Classify this group of viruses and describe the morphology and antigenic structure
- What is antigenic drift and shift. Briefly describe
- How do you confirm the diagnosis
- Name two drugs used for treatment (2+2+3+2+1)

Short essay: (2x5=10)

2. Laboratory diagnosis of HIV infection
3. What are the clinical features, laboratory diagnosis and treatment of filariasis

Short notes: (10x2=20)

4. Candida infection
5. Lab diagnosis of hepatitis B
6. Lab diagnosis of cryptococcus
7. Oncogenic viruses
8. Varicella zoster infection
9. MMR vaccine
10. Ascariasis
11. Aspergillosis
12. Cysticercus cellulosae in man
13. Opportunistic parasitic infection
