

**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

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