

**Q.P. Code: 205001**

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

**Second Professional MBBS Degree Supplementary Examinations,  
October 2016**

**Microbiology - Paper I**

**Time: 2 Hours**

**Total Marks: 40**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(10)**

1. A male patient aged 20 years came with a history of fever for 15 days duration with coated tongue and soft palpable spleen. Answer the following:
- Mention the probable diagnosis and source of infection
  - List the specimens to be sent for lab. diagnosis in this case
  - How will you proceed with lab. diagnosis in this case .
  - What is anamnestic reaction
  - How the disease can be prevented
- (1+1+4+2+2=10)

**Short essay:**

**(2x5=10)**

2. Lab diagnosis of helicobacter infection
3. Graft – versus – host ( GVH ) reaction

**Short notes:**

**(10x2=20)**

4. Adjuvants
5. Rapid plasma reagin test
6. Acinetobacter
7. Prophylaxis of whooping cough
8. Bacterial capsule
9. Innate immunity
10. Super antigens
11. CAMP reaction
12. Non – gonococcal urethritis
13. Q- fever

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