

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
