

Q.P. Code: 205001

Reg. No.:

**Second Professional MBBS Degree Supplementary Examinations
July 2019**

Microbiology - Paper I

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay: (10)

1. A 25 year old female patient came to medical O.P with history of high grade fever with chills rigor. She also complains of painful micturition.

- What is your provisional diagnosis
- Name four common bacteria causing this condition
- Describe in detail the sample collection transport and processing for the laboratory diagnosis of this condition
- Name four drugs used for treating this patient
- What are the predisposing factors for the above condition (1+2+4+2+1)

Short essay: (2x5=10)

2. Bacterial spore and its demonstration
3. Innate immunity

Short notes: (10x2=20)

4. Gaseous disinfectants
5. Transport media
6. Enumerate methods of gene – transfer in bacteria
7. Adjuvant
8. Graft – versus host reaction
9. Diphtheria toxin
10. Botulism
11. Group B streptococci
12. Name four different bacteria causing dysentery
13. Relapsing fever
