

Q.P. Code: 205001

Reg. no.:

Second Professional MBBS Degree Examinations, March 2014

Microbiology - Paper I

Time: 2 Hours

Total Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(10)

1. A 25 years old male comes to a medical outpatient department with complaints of high fever with relative bradycardia for the past one week, he has headache, coated tongue and hepatosplenomegaly. Answer the following:

- What is the probable diagnosis.
- What is the causative organism.
- Describe the pathogenesis of this disease.
- Discuss the laboratory diagnosis of this disease.
- Discuss the vaccines used for prevention of this disease.

(1+1+3+3+2=10)

Short essay:

(2x5=10)

2. Discuss about autoclave and its uses.
3. Discuss type I hypersensitivity reaction

Short notes:

(10x2=20)

4. Louis Pasteur
5. Lowenstein jensen medium
6. Coagulase test
7. Bacteroides fragilis
8. Satellitism
9. Weil-felix reaction
10. Natural killer cells
11. Transduction
12. Incineration
13. Acinetobacter baumannii