

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.P.T. Degree Examination - April 2014

Time: 3 Hours**Max. Marks: 40 Marks**

Microbiology

Q.P. Code : 2709

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 2708 and 2709 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Define and classify hypersensitivity reactions. Discuss type-1 hypersensitivity.
2. Define Pyrexia of unknown origin. Enumerate the organisms causing it. Discuss the laboratory diagnosis of typhoid fever.

SHORT ESSAYS (Answer any Four)

4 x 5 = 20 Marks

3. Prophylaxis against tetanus.
4. ELISA.
5. Antimicrobial susceptibility testing.
6. Gonorrhoea.
7. Cryptococcus neoformans.

SHORT ANSWERS

5 x 2 = 10 Marks

8. Define adjuvant and give two examples.
9. Name four bacteria causing urinary tract infections.
10. Interferons.
11. Quellung reaction.
12. Mention two differences between endotoxin and exotoxin.
