

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.P.T. Degree Examination – 05-Jul-2022

Time: 3 Hours

Max. Marks: 40 Marks

Microbiology - (RS-5)

Q.P. Code: 2738

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 2737 and 2738 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Define antigen antibody reactions. Describe the structure, functions and importance of IgG immunoglobulin
2. Classify mycobacteria. Describe the pathogenesis and laboratory diagnosis of pulmonary tuberculosis. Add a note on RNTCP

SHORT ESSAYS (Answer any Three)

3 x 5 = 15 Marks

3. Hospital acquired infections
4. Laboratory diagnosis of HIV/AIDS
5. General properties of viruses
6. Autoclave

SHORT ANSWERS

5 x 3 = 15 Marks

7. What is cell mediated immunity
8. Prophylaxis of Polio
9. List four organisms causing gastroenteritis
10. List four opportunistic infections
11. Name three antifungal agents
