

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.P.T. Degree Examination – 19-May-2025

Time: 3 Hours

Max. Marks: 40

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 and classify sterilization. Write in detail about autoclave
2. Describe the pathogenesis and laboratory diagnosis and prophylaxis of enteric fever

SHORT ESSAYS (Answer any Three)

3 x 5 = 15 Marks

3. Laboratory diagnosis of fungal infections
4. Laboratory diagnosis of tetanus
5. Normal flora of human body
6. Cryptococcus neoformans – pathogenicity and laboratory diagnosis

SHORT ANSWERS

5 x 3 = 15 Marks

7. Enriched media
8. Structure of HIV
9. Quellung reaction
10. Name two differential staining methods
11. Name any three organism causing wound infection
