



Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.P.T. Degree Examination - 03-Mar-2021

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 OP 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. Give a detailed account of dry heat methods of sterilization
2. Enumerate the organisms causing sexually transmitted diseases. Write in detail about the pathogenicity and laboratory diagnosis of HIV infection

SHORT ESSAYS (Answer any Three)**3 x 5 = 15 Marks**

3. Prophylaxis of Hepatitis B
4. Bacterial flagella
5. Structure of IgG
6. Clinical manifestation and laboratory diagnosis of *Vibrio cholerae*

SHORT ANSWERS**5 x 3 = 15 Marks**

7. Name any two Gram Negative bacteria
8. Name any four disinfectants commonly used in hospital
9. DPT vaccine
10. Name any two fungi causing systemic mycoses
11. Quellung reaction