

**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 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. 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 cholera

**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. Quelling reaction

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