



**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.P.T. Degree Examination – 22-Nov-2023**

**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. Describe the morphology, pathogenicity and laboratory diagnosis of Streptococcus Pneumoniae.
2. Define and classify sterilization. Write in detail dry heat methods of sterilization.

**SHORT ESSAYS (Answer any Three)**

**3 x 5 = 15 Marks**

3. Normal flora of human body.
4. Cultivation of virus.
5. IgG.
6. Prophylaxis of tetanus.

**SHORT ANSWERS**

**5 x 3 = 15 Marks**

7. Name the diarrheagenic E.coli.
8. Microfilaria.
9. Determinants of antigenicity.
10. Name three systemic fungal infections.
11. Name three DNA viruses.

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