



## Rajiv Gandhi University of Health Sciences, Karnataka

### II Year B.P.T. Degree Examination - OCT-2019

**Time: Three Hours**

**Max. Marks: 40 Marks**

#### Microbiology

#### **Q.P. Code : 2709**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

**LNote : Both OP Codes 2708 and 2709 are to be answered within total duration of 3 hours).**

#### **LONG ESSAYS (Answer any One)**

**1 x 10 = 10 Marks**

1. Name the organisms causing meningitis. Discuss the morphology, pathogenicity and laboratory diagnosis of *Streptococcus pneumoniae*.
2. Define Pyrexia of unknown origin. Enumerate the organisms causing it. Discuss the laboratory diagnosis of typhoid fever.

#### **SHORT ESSAYS (Answer any Four)**

**4 x 5 = 20 Marks**

3. Microfilaria
4. Prophylaxis of polio
5. Laboratory diagnosis of fungal infections
6. Mechanisms of innate immunity
7. Laboratory diagnosis of urinary tract infections

#### **SHORT ANSWERS**

8. Name four organisms causing gastroenteritis.
9. Name four opportunistic infections
10. Name two differential staining methods.
11. Mantoux test
12. Name four sexually transmitted diseases.