

# Rajiv Gandhi University of Health Sciences, Karnataka

## II Year B.P.T. Degree Examination — SEP-2018

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 ; 52thQP Codes 2737 and 2118 are to be answered within total duration of 3 hours)**LONG ESSAYS (Answer any One)****1 x 10 = 10 Marks**

1. Define hypersensitivity. Classify hypersensitivity. Describe anaphylaxis in detail.
2. Discuss the morphology, cultural characteristics and pathogenicity of mycobacterium tuberculosis. Mention the laboratory diagnosis of pulmonary tuberculosis.

**SHORT ESSAYS (Answer any Four)****4 x 5 = 20 Marks**

3. Poliomyelitis
4. IgA
5. Pyrexia of unknown origin
6. Life cycle of *malaria*
7. Laboratory diagnosis of fungal infections

**SHORT ANSWERS****5 x 2 = 10Marks**

8. Define zoonosis. Give two examples.
9. Structure of HIV virus
10. Name four organisms causing opportunistic infections.
- 11- Rheumatic fever
12. Name four organisms causing sexually transmitted diseases.