



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.