



Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.P.T. Degree Examination — 22-Jan-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 OP 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 sterilization. Mention the methods of sterilization by moist heat. Describe Autoclave in detail.
2. Enumerate antigen antibody reactions. Discuss agglutination reaction in detail.

SHORT ESSAYS (Answer any Three)

3 x 5 = 15 Marks

3. IgM antibody.
4. Laboratory diagnosis of Cholera.
5. Urinary tract infection.
6. Laboratory diagnosis of HIV infection.

SHORT ANSWERS

5 x 3 = 15 Marks

7. Draw a labelled diagram of Bacterial spore.
8. Mention two complications of Plasmodium falciparum infection.
9. OPT vaccine.
10. Name four organisms causing Sexually transmitted diseases.
11. Mention two methods of viral cultivation.