

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – APRIL-2019

Time: Three Hours**Max. Marks: 80 Marks****Microbiology (Revised Scheme)****Q.P. CODE: 1681**

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)**2 x 10 = 20 Marks**

1. Define and classify hypersensitivity. Describe in detail the Type I hypersensitivity.
2. Enumerate Antigen-Antibody reactions. Describe in detail agglutination reaction.
3. Classify mycobacteria. Describe in detail the morphology and laboratory diagnosis in a case of suspected Pulmonary Tuberculosis. Add a note on RNTCP

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. Bacterial filters
5. Bacterial growth curve
6. Laboratory diagnosis of intestinal Amoebiasis
7. Pasteurization
8. Antibiotic sensitivity testing by disc diffusion
9. Phagocytosis
10. Draw a neat labelled diagram of IgE.
11. Morphological classification of bacteria
12. Cultivation of viruses in the laboratory
13. Life cycle of hookworm

SHORT ANSWERS**10 x 2 = 20 Marks**

14. Name two chemical disinfectants
15. Cyclops
16. Negri body
17. Define selective media. Give two examples.
18. Name two zoonotic bacterial infections.
19. Leishmania Donovan body (LD body)
20. Enumerate two viruses causing diarrhoea.
21. Enumerate the dermatophytes.
22. Kochs postulates
23. Name 2 tape worms
