

I Year B.Sc. Nursing (PC) Degree Examination – April 2017

Time: Three Hours

Max. Marks: 75 Marks

MICROBIOLOGY
(RS-3 & RS-4)

Q.P. CODE: 1735

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. Classify Mycobacteria, Describe the laboratory diagnosis of pulmonary tuberculosis and add a note on RNTCP
2. Define viruses. Classify viruses. Write in detail about cultivation of viruses.
3. Define sterilization. Mention different physical methods of sterilization. Explain in detail about autoclaving

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Candida albicans
5. Hepatitis A
6. Bacterial flagella
7. Gram's staining – principle and procedure
8. Candida albicans
9. Taenia solium – life cycle, clinical features and laboratory diagnosis
10. Laboratory diagnosis of Typhoid fever
11. Trichomonas vaginalis
12. Type IV Hypersensitivity

SHORT ANSWERS

10 x 2 = 20 Marks

13. Write any two Enrichment media
14. Test for HIV
15. Mention any two gaseous disinfectants
16. Name any two bacteria causing food borne illness
17. Tyndalization
18. What is passive immunity
19. Name the antibodies
20. Define vaccine
21. Name any two Rabies vaccines
22. Mention any two zoonotic diseases
