

I Year B.Sc. Nursing (PC) Degree Examination – SEP 2016

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. Describe the morphology, life cycle and laboratory diagnosis of *Entamoeba histolytica*.
2. Classify streptococci. Describe the pathogenicity and laboratory diagnosis of streptococci pyogens.
3. Define and classify Immunity. Describe innate immunity.

SHORT ESSAYS (Answer any Seven)**7 x 5 = 35 Marks**

4. Autoclave
5. Hepatitis B virus
6. Bacterial spore structure and functions.
7. Gram staining – principle and procedure
8. Differences between Bacteria and viruses
9. *Ascaris lumbricoides* – life cycle, clinical features and lab diagnosis
10. Laboratory diagnosis of pulmonary tuberculosis
11. Write a note on Koch's postulates
12. ELISA and its uses

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

13. Write any two dermatophytes
14. Name any two bacterial filters
15. Name any two neurotropic viruses
16. Draw a neat labeled diagram of viruses
17. What are Antibodies?
18. Name any two tapeworms
19. Define Hypersensitivity
20. Define chemotherapy
21. Name any two transport media
22. Mention any two zoonotic bacterial diseases
