

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing (PC) Degree Examination – Aug 2013

Time: Three Hours

Max. Marks: 80 Marks

MICROBIOLOGY (Revised Scheme)

Q.P. CODE: 1704

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 of a bacterial cell with a neat, labeled diagram.
2. Define and classify hypersensitivity. Discuss in detail type I hypersensitivity.
3. Name the Hepatitis viruses. Discuss in detail about Hepatitis B virus.

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Bacterial growth curve
5. Auto clave
6. Innate immunity
7. Laboratory diagnosis of pulmonary tuberculosis
8. Prophylaxis of diphtheria
9. Laboratory diagnosis of syphilis
10. Cultivation of viruses
11. Life cycle of plasmodium vivax
12. Universal precautions
13. Candida albicans

SHORT ANSWERS

10 x 2 = 20 Marks

14. Name two sexually transmitted viral infections.
15. Define definitive host and intermediate host.
16. Name any two zoonotic bacterial diseases.
17. Define selective media. Give one example.
18. Draw a neat, labeled diagram of Immunoglobulin A (IgA) molecule.
19. Write two contributions of Robert Koch.
20. BCG vaccine
21. Draw a neat, labeled diagram of Trophozoite of Giardia lamblia.
22. Name two gaseous disinfectants.
23. Define nosocomial infection.
