

Rajiv Gandhi University of Health Sciences, Karnataka
 First year B.Sc. (Nursing - Basic) Degree Examination – Sept / Oct 2008

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. List the mycobacteria of medical importance. Describe the laboratory diagnosis of pulmonary tuberculosis. How is the disease prevented in the community
2. Define nosocomial infections. Enumerate the bacteria causing nosocomial infections. What are the steps taken to control such infections
3. List the viruses causing hepatitis. Write briefly on the laboratory diagnosis of hepatitis B virus. Add a note on it's prophylaxis

SHORT ESSAYS (Answer any Eight)

8 x 5 = 40 Marks

4. Differences between bacteria and viruses
5. Aetiology and pathogenesis of filariasis
6. Candida albicans
7. Bacterial growth curve
8. Bacterial exotoxin
9. Flagella
10. Life cycle of entamoeba histolytica
11. Laboratory diagnosis of Diphtheria
12. Life cycle of taenia saginata
13. Mumps

SHORT ANSWERS

10 x 2 = 20 Marks

14. List four sexually transmitted viral infections
15. List four nematodes seen in intestine
16. Define zoonosis. Give two examples of zoonotic infections
17. Define inclusion body. Give two examples of viral inclusion bodies
18. Enterotoxigenic Eschcoli
19. Define Iatrogenic infection
20. Define biological vectors and give two examples
21. Diagram of IgG
22. Uses of an autoclave
23. Casoni test
