

Rajiv Gandhi University of Health Sciences

First Year B.Sc. Nursing (Basic) Degree Examination – October 2007

[Time: 3 Hrs.]

[Max. Marks : 80]

MICROBIOLOGY **(Revised Scheme)**

QP Code: 1681

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

LONG ESSAY (Answer any TWO)

2 X 10 = 20 Marks

1. Define and classify sterilization, write in detail on Hot Air Oven.
2. Enumerate sexually transmitted diseases, and laboratory diagnosis of Gonococcal infections.
3. Enumerate Hepatitis viruses; write in detail on Hepatitis B Virus.

SHORT ESSAY (Answer any EIGHT)

8 X 5 = 40 Marks

4. Widal test.
5. Bacterial growth curve.
6. Sterilization by radiation.
7. Draw cyst & Trophozoite of entamoeba histolytica.
8. Laboratory diagnosis of Corynebacterium diphtheriae.
9. Syphilis.
10. Hospital infection.
11. Ziel Nielsen stain.
12. Anaphylaxis.
13. Robertson cooked meat medium (RCM).

SHORT ANSWERS

10 X 2 = 20 Marks

14. Name four tape worms.
15. Name four transport media.
16. Draw a Spore.
17. Name two Zoonotic diseases.
18. Define selective media.
19. Define antibody and name them.
20. Name Dermatophytes.
21. Draw Bacteriophage.
22. Exotoxin.
23. Write contributions of Robert Koch.

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