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Rajiv Gandhi University of Health Sciences

First Year B.Sc. Nursing (PC) Degree Examination

[Time: 3 Hours]

[Max. Marks: 70]

MICROBIOLOGY (Revised Scheme 3) QP Code: 1735

"REFERENCE ONLY"

!! Cytology
Immunology
Cell & Molecular Biology

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 disinfection. Describe the various chemicals used in the hospital with special emphasis on the concentrations used
2. Describe the pathogenesis and laboratory diagnosis of treponema pallidum
3. Describe the life cycle, pathogenesis and laboratory diagnosis of ascaris lumbricoides

SHORT ESSAY (ANSWER ANY EIGHT)

8 X 5 = 40 Marks

4. Sterilization by filtration
5. Immuno-globulin 'A' (IgA)
6. Active immunity
7. Lepromin test
8. Laboratory diagnosis of streptococcus pyogenes infections
9. Prophylaxis against poliomyelitis
10. Laboratory diagnosis of HIV infection
11. Trichuris trichiura
12. Candida albicans
13. Widal test



SHORT ANSWERS

10 X 2 = 20 Marks

14. How are bacteria classified based on oxygen requirement?
15. Name two lymphocytes of the immune system
16. Classification of hypersensitivity reactions
17. Name two coagulase negative staphylococci
18. Prophylaxis against tetanus
19. Name two DNA viruses
20. Name two non-neural vaccines against rabies
21. Name two fungi causing systemic mycotic infections
22. Microfilaria
23. Draw a neat and labeled diagram of the ova of ancylostoma duodenale

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