

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – SEP-2018

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. Define sterilisation. Enumerate the various methods of sterilisation using moist heat. Describe in detail the working of an autoclave.
2. Enumerate the Hepatitis viruses. Write in detail the laboratory diagnosis of acute Hepatitis B. Add a note on its prophylaxis.
3. Describe in detail the morphology, cultural characteristics and laboratory diagnosis of Diphtheria. Add a note on its immunoprophylaxis.

SHORT ESSAYS (Answer any Eight)**8 x 5 = 40 Marks**

4. Bacterial spore
5. Type IV hypersensitivity
6. Cyst of Entamoeba histolytica
7. Life cycle of Taenia saginata
8. Difference between bacteria and viruses
9. Stool examination for parasitic ova and cyst
10. Significant bacteriuria
11. Clostridium tetani
12. Sterilisation by radiation
13. VDRL test

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

14. Name two viruses causing diarrhoea.
15. Trichomonas vaginalis
16. Define iatrogenic infection with an example.
17. Negative staining
18. Define biological vector with an example.
19. List four nematodes found in the intestine.
20. Name two differences between exotoxin and endotoxin.
21. Name two transport media.
22. Malignant pustule
23. Name two infections caused by Candida albicans
