

Sl.No.M2384

Course Code:24119105

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)

B.Sc. (NURSING) DEGREE EXAMINATION – AUGUST 2021

First Year

MICROBIOLOGY

Time: Three hours

Maximum: 75 marks

SECTION – A

I. Answer **All** Questions. Each answer in one or two sentences: (15 x 1 = 15)

1. What do you mean by nosocomial infection?
2. List any four PPE.
3. Mention the color code used for disposal of anatomical waste.
4. List any four chemical disinfectant.
5. Mention the Confirmatory Test for HIV.
6. Define Koch's postulate.
7. What is significant bacteriuria?
8. Define Latent infection with example.
9. Enumerate four killed vaccines.
10. What are the functions of the structure Pili in bacteria?
11. List four organisms causing Urinary tract Infection.
12. Define pulse polio immunisation.
13. Enumerate dermatophytes.
14. Define Immunity.
15. What do you mean by anaphylactic reaction?

SECTION – B

II. Write short notes on any **Six** of the following: (6 x 5 = 30)

16. Bio – medical Waste Management.
17. Laboratory diagnosis of Malaria.
18. Disinfectants.
19. Agglutination.
20. Amoebiasis.
21. Universal Precautions.
22. BCG Vaccine.
23. Immunization schedule.

SECTION – C

III. Answer any **Three** of the following: (3x10 =30)

24. a) Describe the morphological features, clinical manifestation and diagnostic methods for *Corynebacterium diphtheriae*.
b) Give a short account of Immunisation for diphtheria.
25. Define and classify hypersensitivity. Write about the anaphylactic reaction and its mechanism in detail.
26. Define Sterilisation. List the methods of Sterilisation. Write in detail about moist heat sterilization.
27. Define Immunity and describe in detail the types of Immunity.
