

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

B.Sc. (NURSING) DEGREE EXAMINATION - August 2019
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. Define agglutination
2. What is significant bacteriuria?
3. What is causative organism for Chickenpox?
4. Write one Contributions of Robert Koch..
5. Define normal flora.
6. What is a vaccine?
7. What is enteric fever?
8. What is zoonosis?
9. List two complications of diphtheria.
10. Enumerate two live vaccines.
11. Give two examples of type III hypersensitivity.
12. . Name two auto immune disease.
13. Enumerate two diseases produced by Candida albicans.
14. Two differences between active and passive immunity
15. Mention two species of genus plasmodia causing malaria.

SECTION – B

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

16. Biomedical waste management.
17. Transport media.
18. Hookworm.
19. VDRL test.
20. Hepatitis B virus
21. Bacterial growth curve.
22. Hospital infection control programme.
23. Immunization schedule.

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SECTION – C

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

24. Name the bacterial agents causing pyrexia of unknown origin.
Write pathogenesis and Laboratory diagnosis of enteric fever.
25. Classify Mycobacteria. Write in detail the morphology, cultural characters, pathogenesis and Lab diagnosis of Mycobacterium Tuberculosis.
25. Define Sterilization. List the methods of Sterilization. Write in detail about moist heat Sterilization.
27. Define immunity and describe in detail the types of immunity.

(Sl.No.M 21532)