

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

B.Sc. (NURSING) DEGREE EXAMINATION - November 2020

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. Father of Antiseptic Surgery.
2. What is Mesophilic bacterium? Give example.
3. Flagella and its types.
4. Sporulation.
5. Acid Fast Bacteria.
6. Whooping Cough.
7. Convalescent Carrier.
8. Ethylene Oxide.
9. Robertson's Cooked Meat Media.
10. Toxic Shock Syndrome.
11. Opportunistic Fungi.
12. Rubella Virus.
13. Haptens.
14. Amoebiasis.
15. Antibodies.

SECTION – B

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

16. Gram Staining.
17. Agglutination.
18. Typhoid Fever.
19. Nosocomial Infection.
20. Louis Pasteur.
21. HIV – Human Immuno deficiency Virus.
22. Infection – Source and Route of Infections.
23. Atopy.

SECTION – C

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

24. Classify Pathogenic Bacteria based on the Morphology, Write in detail about Staphylococcal infections and treatment.
25. Explain Bright field Microscopy and Acid Fast Staining.
26. What is Antibiotics? Write its discovery and types with examples.
27. What is Parasite? Write in detail about Helminthic Diseases.