

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

BDS DEGREE EXAMINATION – September 2019
Second Year

GENERAL MICROBIOLOGY

Time: Three hours

Maximum: 100 marks

SECTION – A
Answer ALL Questions

I. ESSAY: **(1 x 15 = 15)**

1. Define Immunity. Classify Immunity. Describe acquired immunity with suitable examples.

II. WRITE SHORT NOTES ON: **(3 x 5 = 15)**

2. Autoclave
3. Lab diagnosis of enteric fever
4. Oral microflora

III. WRITE BRIEFLY ON: **(10 x 2 = 20)**

5. Name two chemical disinfectants and its use.
6. Name the three methods of gene transfer between bacteria.
7. Name the five immunoglobulins with its protective use.
8. Define hypersensitivity and name the different types.
9. Name two bacterial zoonotic diseases with the causative agent.
10. Draw the diagram of Bacteria.
11. Name four toxins of staphylococcus aureus.
12. Name four anaerobic infections.
13. What are spirochartes and name two of them.
14. Name two acid fast Bacilli staining methods.

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SECTION – B
Answer ALL Questions

IV. ESSAY: **(1 x 15 = 15)**

15. Describe life cycle and lab diagnosis of plasmodium vivax.

V. WRITE SHORT NOTES ON: **(3 x 5 = 15)**

16. Immunoprophylaxis of poliomyelitis

17. Draw an illustrated diagram of HIV.

18. Candidiasis.

VI. WRITE BRIEFLY ON: **(10 x 2 = 20)**

19. Name four systemic mycoses diseases

20. Draw LD bodies of Leishmania

21. Name the two types of PCR

22. Name four nematodes (intestinal)

23. Draw entamoeba histolytica cyst

24. Name four subcutaneous mycoses

25. Name four universal precautions

26. Name four vaccines in immunization schedule

27. Name four experimental animals along with use

28. Name two symptoms caused by Enterobiasis.

(Sl.No.M21649)