

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

**BDS DEGREE EXAMINATION – JANUARY 2021
Second Year**

GENERAL MICROBIOLOGY

Time: Three hours

Maximum: 100 marks

**SECTION – A
Answer ALL Questions**

I. ESSAY: (1 x 15 = 15)

1. Define Hypersensitivity, Describe type I Hypersensitivity in detail.

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

2. Anaerobic Culture methods.
3. Oral Microbial Flora.
4. Immunoglobulin G.

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

5. Transduction.
6. Morphology of Clostridium tetani.
7. Define Antibody.
8. ASO.
9. Nosocomial Infections.
10. Louis Paster.
11. Bacteriophage.
12. Dental caries.
13. B cell and T-cell.
14. Oral Thrush.

(p.t.o)

SECTION – B

Answer ALL Questions

IV. ESSAY:

(1 x 15 = 15)

15. Describe in detail the pathogenesis and laboratory diagnosis of Acquired immune deficiency Syndrome.

V. WRITE SHORT NOTES ON:

(3 x 5 = 15)

16. Cultivation of fungi.
17. Filariasis.
18. Hydatid cyst.

VI. WRITE BRIEFLY ON:

(10 x 2 = 20)

19. Prevention of polio.
20. Life cycle of *Ascaris lumbricoides*.
21. *Candida albicans*.
22. Oral thrush.
23. Dimorphic fungi.
24. *Aspergillus fumigatus*.
25. Bacteriology of water.
26. Common organisms causing UTI.
27. PUO.
28. Tzank smear.

(Sl.No: M23080)