

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)****B.Sc. (ALLIED HEALTH SCIENCE) &M.Sc(INTEGRATED
PROGRAMS IN CARDIAC TECHNOLOGY) DEGREE
EXAMINATION – September 2021
First Year****MICROBIOLOGY**

Time: Three hours

Maximum: 75 marks

I. Write an essay on any ONE of the following: (1 x 20 = 20)

1. Define virology and classify the viruses. Write in detail about any two viruses and its mode of replication.
2. Classify nematode. Write in detail about Ascaris and Wuchereria.

II. Write short essays on any TWO of the following: (2 x 10 = 20)

3. Describe about the principles of Microscopy and different types of Microscopes.
4. Explain about the Blood cell components and functions.
5. Write in detail about Hepatitis virus with its structure.
6. Describe the morphology, pathogenesis and lab diagnosis of corynebacterium diphtheriae.

III. Write short answers on any SEVEN of the following: (7 x 5 = 35)

7. Antifungal agents
8. Type IV hypersensitivity.
9. Immunogens and Haptens
10. Candidiasis
11. Enriched media and differential media
12. Toxins of staphylococcus
13. Immunoglobulins
14. Lab diagnosis of malaria
15. Differentiate SEM and TEM
16. Superficial mycoses.