

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
B.SC (MEDICAL LAB TECHNOLOGY) DEGREE EXAMINATION -
September 2021
Third Year
MICROBIOLOGY - II

Three Hours

Maximum: 75 marks

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

1. Describe the life cycle of plasmodium and the laboratory diagnosis of malaria caused by this parasite.
2. Describe the morphology of HIV and laboratory diagnosis of HIV infection.

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

3. Describe the life cycle of Ancylostoma duodanale.
4. Write short notes on Varicella – zoster virus.
5. Write short notes on (I) Negri bodies (II) Antirabies vaccines.
6. Diagnosis and control of hospital care associated infection.

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

7. Prevention of hospital care associated infection.
8. Write short notes on: (I) Normal flora of the gastrointestinal tract (II) Normal flora of the genitourinary tract.
9. Write short notes on antibiotic resistance.
10. Describe the laboratory diagnosis of ameobic dysentery.
11. Laboratory diagnosis of Kala azar.
12. Write short notes on life cycle of Ascaris lumbricoides.
13. Discuss the laboratory diagnosis of Viral infections.
14. Polio vaccine.
15. Discuss the laboratory diagnosis of rabies virus.
16. Enumerate the different causes of diarrhoea. How will you diagnose it in the laboratory.

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