

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

**MBBS DEGREE EXAMINATION – August 2019  
Second YEAR**

**MICROBIOLOGY – PAPER II**

**Time : Three hours**

**Maximum : 50 marks**

**Answer ALL questions  
Draw diagrams wherever necessary**

**SECTION – A**

**I. Write essay on : (1 x 8 = 8)**

1. Describe the morphology, life cycle and pathogenicity of Echinococcus granulosus.

**II. Write short notes on : (4 x 3 = 12)**

2. Pernicious malaria
3. Opportunistic fungal infections
4. Prophylaxis of rabies
5. Candida albicans

**III. Answer briefly : (5 x 1 = 5)**

6. Name some parasites causing traveler's diarrhoea
7. Name some bile stained eggs
8. List any four mycotoxins
9. Germ tube test
10. Cercaria.

**SECTION – B**

**I. Write essay on : (1 x 8 = 8)**

11. Describe in detail the morphology, pathogenesis, laboratory diagnosis and prophylaxis of human rabies.

**II. Write short notes on : (4 x 3 = 12)**

12. Hepatitis "C"
13. Prevention of hospital infection
14. Laboratory diagnosis of HIV
15. National immunization schedule.

**III. Answer briefly : (5 x 1 = 5)**

16. Inclusion bodies
17. Antigenic shift
18. Bacteriophage
19. List the colour coded bags used for biomedical waste segregation.
20. Antimicrobial sensitivity testing.