

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**  
**(Deemed to be University)**  
**MASTER OF PUBLIC HEALTH DEGREE EXAMINATION – December**  
**2021**  
**First Year**  
**PRINCIPLES AND PUBLIC HEALTH PRACTICE**

Three Hours

Maximum: 100 marks

**I. Write an Long essay on:** **(3 x 20 = 60)**

Define source and reservoir of infection. Describe in detail dynamics and

1. modes of disease transmission.
2. Write in detail on epidemiological transition
3. Brief the steps of public health approach?

**II. Write short essay on :** **(4 x 10 = 40)**

4. Discuss the concepts of prevention. Explain in detail the levels of prevention.
5. Explain the concepts of sensitivity, specificity, predictive values and likelihood ratios of screening tests.
6. Write three core functions and ten essential functions of public health
7. Write a brief note on Importance of public health in current context.

\*\*\*\*\*

