

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

**THIRD MBBS DEGREE EXAMINATION – October 2020**  
**PART I**

**COMMUNITY MEDICINE PAPER I**

**Time : Three hours**

**Maximum : 80 marks**

**Answer ALL questions**  
**Draw diagrams wherever necessary**

**SECTION – A**

**I. Write essay on :** (1 x 10 = 10)

1. Define epidemiology. Classify epidemiological studies. Describe in detail randomized control trials. (RCT)

**II. Write short notes on :** (4 x 5 = 20)

2. Natural history of diseases.
3. Criteria for a screening test.
4. National immunization schedule.
5. List the methods of nutritional assessment of the community. Describe any one of the methods in detail.

**III. Answer briefly:** (5 x 2 = 10)

6. Case fatality rate.
7. Types of surveillance.
8. Hidden hunger.
9. Risk factors.
10. Define carriers. Mention its types.

**SECTION – B**

**I. Write essay on :** (1 x 10 = 10)

11. What are the various methods of purification of water and mention clearly about household purification of water.

**II. Write short notes on:** (4 x 5 = 20)

12. Types of sampling.
13. Types of communication.
14. Hazards due to radiation exposure.
15. Food adulteration.

**III. Answer briefly:** (5 x 2 = 10)

16. Workshop.
17. Levels of prevention.
18. DALY.
19. Acculturation.
20. Intelligence quotient.