

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**  
**M.Sc( RENAL DIALYSIS TECHNOLOGY) DEGREE EXAMINATION –**  
**January 2021**  
**Second Semester**  
**RESEARCH METHODOLOGY**

Three Hours

Maximum: 100 marks

**I. Write an Long essay on:**

**(3 x 20 = 60)**

1. Briefly explain any two scaling techniques with the aid of examples.
2. Discuss the important study designs used in epidemiology with examples.
3. Enumerate the merits and demerits of qualitative and quantitative research.  
Explain the ex post facto or coorelational research with an example

**II. Write short essay on :**

**(4 x 10 = 40)**

4. Bibliography
5. Discuss a double blind clinical trial in your field.
6. Discuss the differences between cross sectional and longitudinal studies.
7. Prevalence and incidence

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