

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM**  
**(Deemed to be University)**  
**M.Sc(Cardiac Cath and Intervention Technology) DEGREE EXAMINATION**  
**– December 2021**  
**First Year**  
**EPIDEMIOLOGY AND BIostatISTICS**

Three Hours

Maximum: 100 marks

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

**(3 x 20 = 60)**

1. Coronary Noflow/Slow flow – management.  
Write briefly on
  - a) incidence and prevalence
  - b) Blinding in a drug trial
  - c) Relative risk
  - d) Primary prevention
- 2.
3. Discuss different methods of Validity and Reliability.

**II. Write short essay on :**

**(4 x 10 = 40)**

4. Life table and its uses.  
Briefly explain the types of graphs that can be used to display continuous
5. observations.  
Briefly explain the statistical measures to determine the strength of association
6. between two independent nominal random variables.
7. Uses of epidemiology.

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