

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[AHS 0921]**

**SEPTEMBER 2021  
(MAY 2021 EXAM SESSION)**

**Sub. Code: 1901**

**M.Sc. PUBLIC HEALTH  
FIRST YEAR (From 2017-2018 onwards)  
PAPER I – PRINCIPLES OF EPIDEMIOLOGY (INCLUDING FUNDAMENTALS  
OF RESEARCH DESIGN & EVIDENCE BASED HEALTH)**

***Q.P. Code : 281901***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. What is epidemiological triad? Describe in detail the natural history of disease.
2. Describe the risk factors for hypertension. Explain primary prevention of hypertension.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Quarantine.
2. Types of screening for disease.
3. Investigation of food poisoning.
4. Cancer registration.
5. Cluster sampling.
6. Bias in case control studies.
7. Carriers of infection.
8. Herd immunity.
9. Emporiatrics.
10. Survey methods.

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