

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

[AHS 1023]

OCTOBER 2023

Sub. Code: 2828

**ALL M.Sc. COURSES AND M.OPTOM, EXCLUDING M.Sc. BIostatistic,
M.Sc. EPIDEMIOLOGY AND M.Sc. PUBLIC HEALTH.**

FIRST YEAR

**PAPER I – PRINCIPLES OF EPIDEMIOLOGY, RESEARCH METHODOLOGY,
BIostatistics AND MEDICAL ETHICS**

Q.P. Code: 282828

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Enumerate the different probability distributions with examples.
2. What do you mean by Focused Group Discussion (FGD)? Briefly mention about the scope of FGD. What are the steps of conduction of FGD?

II. Write Short Notes on:

(10x6 = 60)

1. Gantt chart.
2. Life table and its uses.
3. Indirect standardization.
4. Nested case control study.
5. Non randomized trials.
6. Basic principles of medical research ethics.
7. List out the various methods of data presentation.
8. Cluster sampling method.
9. Ecological studies and ecological fallacy.
10. Measurement of morbidity.
