

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

[AHS 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 1902

**M.Sc. PUBLIC HEALTH
FIRST YEAR (Candidates admitted from 2017-2018 onwards)
PAPER II – PRINCIPLES OF BIO-STATISTICS
*Q.P. Code : 281902***

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Explain the steps involved in Testing an Hypothesis with suitable example.
2. Find out the measures of central tendency for the given data of the systolic blood pressure(in mmHg) recordings from 11 persons: 148, 126, 160, 130,128,154, 122, 160, 150, 144, 160.

II. Write notes on:

(10 x 6 = 60)

1. Presentation of Data.
2. Measures of Dispersion.
3. Methods of Collection of Data.
4. Prerequisite for Good Questionnaire.
5. Probability Distribution.
6. Measures of Diagnostics Tests.
7. Methods for finding Correlation.
8. Non Probability Sampling.
9. Need for Sampling and Sample Size Calculation.
10. Kaplan Meier Curve.
