

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

[AHS 0423]

APRIL 2023

Sub. Code: 2254

**B.Sc. MEDICAL SOCIOLOGY
SECOND YEAR (Regulations 2014-2015 & 2018-2019 onwards)**

PAPER IV – SOCIAL RESEARCH

Q.P. Code: 802254

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define Research. Explain the steps involved in Research Process.
2. Write in detail about types of Report Writing and its Significance.
3. A sample of 100 children had mean Hemoglobin of 9.2 gm with a Standard Deviation of 2.0. Test the Hypothesis that they were drawn from a Population with mean Hemoglobin of 11.5 gm.

II. Write notes on:

(8 x 5 = 40)

1. Data Coding and Preparation of master sheet.
2. Features of SPSS.
3. Confidence Interval Vs P Value.
4. Randomization.
5. How will you test the Association between two Categorical Variable?
6. Measures of Variation.
7. Sampling Techniques.
8. In a study, 12 Arthritis patients were subjected to ESR Estimation. The data were as follows. Calculate Standard Deviation and Interpret your result?
35, 33, 32, 30, 36, 31, 63, 37, 30, 30, 72, 35

III. Short answers on:

(10 x 3 = 30)

1. Replication.
2. Clinical Interview.
3. Snow ball sampling.
4. Confounding.
5. Uses of Chi Square test
6. Statistics and Preventive Medicine.
7. Point Estimation.
8. Types of Hospital Statistics.
9. Bibliography.
10. Standard Error.
