

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

[BAMS 0623]

**JUNE 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 1388

**FINAL PROFESSIONAL B.A.M.S. DEGREE EXAMINATION
(For the candidates admitted from 2012-2013 to 2015-2016 and
New Regulations 2016-2017 onwards)
PAPER VIII – RESEARCH METHODOLOGY AND MEDICAL STATISTICS**

Q.P. Code: 641388

Time: 90 Minutes

Answer ALL questions

Maximum: 50 Marks

I. Essay Questions:

(1 x 15 = 15)

1. Define research (anusandhana) and its synonyms. Explain the need of research in Ayurveda.

II. Write Notes on:

(5 x 5 = 25)

1. Explain the roles of ethics in research.
2. Explain the importance and evidence of statistics in Ayurveda.
3. Define research problem and formulation of hypothesis.
4. Explain presentation of data.
5. Explain parametric and non-parametric tests.

III. Short Answers on:

(5 x 2 = 10)

1. Cohort study.
2. Udaharana.
3. Standard deviation.
4. Analysis of Variance.
5. SPSS.
