

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

**[BAMS 0322]**

**MARCH 2022  
(MAY 2021 EXAM SESSION)**

**Sub. Code: 1388**

**FINAL PROFESSIONAL B.A.M.S. DEGREE EXAMINATION  
(For the candidates admitted from 2012-2013 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. Write definition and synonyms of the word Research and Explain the Research process in detail.

**II. Write Notes on:**

**(5 x 5 = 25)**

1. Types of Variability.
2. Measures of Central Tendency.
3. Steps in Testing of Hypothesis.
4. Explain about EBM.
5. Application of Pancha Avayaya Vakya in Research.

**III. Short Answers on:**

**(5 x 2 = 10)**

1. Differentiate Cross-sectional and Longitudinal studies.
2. What is a Pilot Study?
3. What is a Variable?
4. What is Plagiarism?
5. Define Siddhanta.

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