

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

**[MD(SIDDHA) 0324]**

**MARCH 2024  
(OCTOBER 2023 EXAM SESSION)**

**Sub. Code: 3101**

**M.D. (SIDDHA) DEGREE EXAMINATION  
(For candidates admitted from 2017-2018 onwards)  
FIRST YEAR - BRANCH I, II, IV, V, VI, VII, VIII & IX  
PAPER I – RESEARCH METHODOLOGY AND BIO-MEDICAL STATISTICS**

*Q.P. Code: 323101*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Enumerate various sources of a research question.
2. Write in detail about Indian health / medical research system / bodies including AYUSH.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Validity in clinical research.
2. Pilot study.
3. NABH and QCI.
4. Case report writing.
5. Non probability sampling and its uses.
6. Developing analysis plan.
7. Basic and Applied research.
8. Bias in clinical research.
9. Variables and its types.
10. Sources for collection of data.

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