



**RAN-4014**

**Third Year B. PT Examination**

**March / April - 2019**

**RESEARCH METHODOLOGY**

**Time: 2 Hours ]**

**[ Total Marks: 40**

**સૂચના : / Instructions**

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

**Fill up strictly the details of signs on your answer book**

Name of the Examination:

☛ **Third Year B. PT**

Name of the Subject :

☛ **RESEARCH METHODOLOGY**

Subject Code No.:

**4 0 1 4**

Seat No.:

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Student's Signature

**Q:1 Long Essay Type (Any One out of Two)**

**10×1=10**

Explain the importance of research in Physiotherapy. What are the difficulties encountered by researchers in India?

OR

What is sampling procedure? Explain with examples the types of sampling techniques.

**Q:2 Short Essay Type: (Any Three out of Four)**

**5×3=15**

- Type I and Type II errors in research with examples
- Sources of review of literature
- Qualitative and Quantitative research
- Types of Hypothesis in research

**Q:3**      **Short Answer Type: (Any Five out of Six)**

**3×5=15**

- a. Levels of measurement
  - b. Types of validity
  - c. Level of Significance
  - d. Importance of ethics in research
  - e. Single and double Blinded study
  - f. Define Review of Literature
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