

[LI 801]

APRIL 2016

Sub. Code:9101

M.O.T. DEGREE EXAMINATION
(Common to all Branches)
FIRST YEAR
PAPER I – RESEARCH METHODOLOGY

Q.P. Code : 419101

Time : Three hours

Maximum : 100 Marks

I. Elaborate on :

(2 x 20 = 40)

1. Explain the various steps involved in designing a Hand function tool for Paediatric population.
2. Explain in detail the types of Sampling Techniques.

II. Write notes on :

(10 x 6 = 60)

1. Indications for Regression analysis.
2. What is a Research Question? How to formulate a research question?
3. Type I and Type II error.
4. Measuring standardized tools or scales.
5. Types of graphs used in OT Research studies.
6. Describe the terminologies; effect size, odd's ratio.
7. Write down the inclusion and exclusion criteria for selecting clients for a study on "driving rehabilitation for persons with traumatic brain injury".
8. What is the significance of mentioning confidence interval in tables during data analysis?
9. Properties of normal distribution.
10. Ethical issues in Research.
