

Total No. of Printed Pages – 2

**SS/MPT-I/P-I/02-20**

**2 0 2 0**

(February)

MASTER OF PHYSIOTHERAPY

(1<sup>st</sup> Year)

PRINCIPLES OF PHYSIOTHERAPY PRACTICE AND  
RESEARCH METHODOLOGY

Paper I

*Full Marks: 100*

*Time: 3 hours*

*The figures in the margin indicate full marks  
For the questions*

Answer **all** questions

1. What is research? Explain research process in details. 20
2. Define the term International classification of function (ICF).  
Identify the domains and describe in details each domain  
and its uses with examples. 20
3. Standardized tests used in the assessment and  
interpretation of cardio-pulmonary disorders. 10
4. Write an essay on patient consent & patient communication  
in physiotherapy practice. 10

*(Turn Over)*

( 2 )

5. Significance based on parametric and non-parametric tests. 10
6. Describe various tests for analysis of variance & co-variance. 10
7. Write on the ethical issues that govern clinical practice and research. 10
8. Importance of Reliability & Validity in research process. 10

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