

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

**[MPT 0921]**

**SEPTEMBER 2021  
(MAY 2021 EXAM SESSION)**

**Sub. Code: 8153**

**MPT DEGREE EXAMINATION**

**FIRST YEAR - (Regulations for the candidates admitted from 2018-2019 except 2020-2021)**

**PAPER I – APPLIED BASIC SCIENCES**

***Q.P. Code : 278153***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Explain in detail about the relationship of respiration to the spinal column.
2. Importance of data collection? Explain in detail about sources, methods and types of data collection in research.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Publishing physiotherapy research.
2. Overtraining syndrome.
3. Dash diet.
4. Theories of teaching and learning.
5. Exit assessment.
6. Pathomechanics of Lordosis.
7. Stability of Wrist joint.
8. Back Care programme.
9. Open kinematic chain exercise.
10. Work place Analysis.

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