

Master of Physiotherapy Examination**Basic Science in
Physiotherapy in Pediatrics**

Date : 03-06-2022, Friday]
Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicate marks.
(2) Write legibly.
(3) Draw diagrams wherever necessary.
(4) All questions are compulsory.

Q1. Explain the types of data in Research methodology and the choice of statistical test for each type of data 10.

(20)

Q2. Explain the kinetics and kinematics of the phases of sit to stand from a chair 10.

(20)

Q3. Explain the Neurobiological basis of motor learning 0.5

(20)

Q4. Explain the significance of Sensory nerve conduction test and F wave in determining the level of lesion 12

(20)

Q5. Explain the neuro-humoral control of respiration 15

(20)

$$\begin{array}{r} 23 \\ 12 \\ \hline 35 \\ + 10 \\ \hline 45 \end{array}$$

$$\begin{array}{r} 1 \\ 10 \\ 10 \\ 12 \\ 15 \\ 5 \\ \hline 52 \end{array}$$