

Master of Physiotherapy Examination  
Basic Science in  
Physiotherapy in Neuroscience

[Max. Marks : 100]

Date : 23-06-2023, Friday]

Time : 3 Hours]

**Instructions :** (1) Figure to the right indicate marks.  
(2) Write legibly.  
(3) Draw diagrams wherever necessary.

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1. Discuss nutritional deficiencies, its effects and management. 20 Marks
2. Describe in detail analysis of stance phase of gait cycle. Describe hand to knee gait. 20 Marks
3. Describe patho-mechanics of respiration giving examples. 20 Marks
4. Discuss nutritional requirements of an adolescent child. Exercise prescription for weight loss in obese patients. 20 Marks
5. Describe 5 types of study designs in Research methodology with examples. 20 Marks

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