

Master of Physiotherapy Examination

Basic Science in
Physiotherapy in Sports

Date : 03-06-2022, Friday]

[Max. Marks : 100

Time : 3 Hours]

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

Q1 Write a note on body composition and also describe densitometry in detail

20

Q2 Describe nutritional deficiencies which can affect neuromusculoskeletal
Health,

20

Q3 Write a note on ergonomics and also describe its role in injury and disease
prevention .

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Q4. Describe in Detail EMG and NCV

20

Q5 Describe the mechanism of impulse conduction and muscle contraction in
response to a milliampere current application

20