

1/20

0624E101

Candidate's Seat No : 10120

Master of Physiotherapy Examination
Basic Science in
Physiotherapy in Sports

Date : 10-06-2024, Monday]

[Max. Marks : 100

Time : 3 Hours]

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

1 Write a note on common nutritional deficiencies and their management in Neuromuscular skeletal **20**
disorders.

2 Describe in short : **5×4=20**
(a) Purposive sampling
(b) Cross sectional study design
(c) Chi square test
(d) Anova.

3 Write a note on posture and describe sway back posture in detail. **20**

4 Write short notes : **5×4=20**
(a) "H" Reflex
(b) Action potential
(c) Wallerian degeneration
(d) Motor Unit

5 Write notes on : **10×2=20**
(a) Anthropometry
(b) Biomechanics of Respiration.