

**OPEN BOOK EXAMINATION SCHEME- 2020
MASTER OF PHYSICAL EDUCATION
M.P.Ed. Sem. I MARCH,- 2021**

PAPER MPE -0704 (ii)

SPORTS BIOMECHANICS

Instruction for students:-

- a) Attempt any **FOUR QUESTIONS**. All question carries equal marks.
- b) The duration of question paper is of **4 hours duration out of which** the student is provided with **3 hours for answering** the question paper and **1 hour is given for** downloading the question paper, scanning the answer sheet in PDF format and uploading the scanned PDF of the answer sheet on the portal.

Maximum Marks: 50

- Q1. Write an Essay on Electro goniometers and its advantages and disadvantages.
- Q2. Write an Essay on Ethics and Safety, detailed reporting, data base and Frequency of Testing in biomechanical testing.
- Q3. Discuss on the Units of Measurement for Kinematic Data and discuss its purpose for measuring.
- Q4. Write a note on Physical Properties of Limbs and Total Body and its standard Units along with purpose of measuring and relevance of the same.
- Q5. Write an Essay on Biomechanical testing protocols.
- Q6. What are the Advantages and Disadvantages of Accelerometers?