

Your Roll No.....

MASTER OF PHYSICAL EDUCATION

M.P.Ed. SEMESTER-I

2022

MPE-0704(ii)-Sports Biomechanics

Subject Specialization

Time : (3 hrs + 1 hr*)

Max Marks :50

***For Downloading of QP, Scanning answer sheet and uploading it.**

(Write your Roll No. on the top right side

Immediately on the receipt of this question paper)

Attempt any **four** questions

All questions carry equal mark

1. Define speed, velocity, acceleration, uniform acceleration and momentum with suitable examples from physical education.
2. Write a note on biomechanical instrumentations.
3. Define friction and types of friction and explain their mechanical, advantages and disadvantages with special reference to physical education and sports application
4. State and discuss on the law of angular momentum, law of action and reaction as well as law of action and reaction (angular motion).
5. Explain the concept related to controlling balance during movements in physical education activities.
6. Write a note on structure of cyclic, acyclic motor action and combination of motor action with suitable examples.