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## MASTER OF PHYSICAL EDUCATION (M.P.Ed.) SEMESTER - II, May - 2017 Paper - MPE-0804 (ii) : SUBJECT SPECIALIZATION (SPORTS BIO-MECHANICS)

	(SPORTS BIO-MECHANICS)	
•	Maximum Marks	: 50
nt.	gyour Roll No. on the top right side immediately on receipt of this question paper)	
Ilira	Note: Attempt any FIVE questions. All questions carry equal marks.	
1.	Write on Kinanthropometric characteristics effecting the mechanics of human mo (taking one Game/Sport as example of your choice).	vement (10)
2.	a) Aspects of fitness b) Resistance devices used in training c) Strength d) Muscular endurance e) Muscular power and	nasizing (10)
3.	Explain the concept related to Linear movement responses to Applied	forces
4.	Write a note on Angular momentum emphasizing on – a) Angular Momentum b) Angular Impulse c) Conservation of angular momentum within a system d) Vector resolution of angular momentum.	(10)
5.	Give an analysis of activities in which the body rotate free of support emphasizing on  a) The human body in rotator motion b) Initialing rotations and c) Analysis of rotations while airborne.	<b>–</b> (10)
6	Give an analysis of activities in which the body rotates while supported.	(10)
7	Define the following movement analysis:- a) Kinesiological analysis b) Mechanical Analysis c) Biomechanical Analysis d) Quantitative Analysis and e) Qualitative Analysis	

Analyse biomechanically a one technique from a Sport/Game of your choice.

(10)