Q.P.Code 113014 (2012 - Scheme)

Reg. No.:....

First Year BPT Degree Examinations - September 2013

(2012 - Scheme)

Tir	Biomechanics and Kinesiology ne : 3 hrs	Max marks : 100
	Answer all questions	
Draw diagrams wherever necessary Essays:		(2x14=28)
1.	Describe the kinetics and kinematics of standing posture.	
2.	Discuss the structure and functions of the arches of foot.	
Sh	ort notes:	(4x8=32)
3.	Explain how creep affects the joint structure and function	
4.	Kinematics of gait cycle	
5.	Explain the dynamic stabilizers of shoulder joint.	
6.	Explain the pathomechanical changes of thorax in scoliosis	
Answer briefly: (10x4		(10x4=40)
7.	Prime movers and stabilizers with examples	
8.	Gait deviation in gluteus medius weakness	
9.	Repetitive strain injuries.	
10	Lumbopelvic rhythm	
11	Planes and axis of human joint movements.	
12	.Postural sway	
13. Passive insufficiency		
14. Factors affecting the normal joint range of motion.		
15. Anatomical pulleys		
16	Muscular control of temporomandibular joint (TMJ) and add a note o. TMJs relationship with cervical spine.	in
