

School of Medical and Allied Sciences

**Master of Physiotherapy Specialization in Cardiology
Summer Term Examination – July - August 2024**

**Duration : 180 Minutes
Max Marks : 100**

Sem II - L2PB202T - Biomechanics and Clinical Kinesiology*General Instructions*

Answer to the specific question asked

Draw neat, labelled diagrams wherever necessary

Approved data hand books are allowed subject to verification by the Invigilator

- 1) Name the ligaments of the shoulder joint K1(2)
- 2) Explain the biomechanics of fracture of ankle joints while playing football games on collide wth opponenets player. K2(4)
- 3) Illustrate how the hip movement occurs what are muscle propelling in smooth movement of the hip joint. K2(6)
- 4) How will you solve the issue of B/L ligamentous injury of ankle joint. K3(9)
- 5) Develop a method for the assessment of non specific low back pain due to muscle imbalance of paraspinal muscles. K3(9)
- 6) Interpret the importance of biomechanics of flexor & extensor muslce of the hand in ADL . K5(10)
- 7) Analyze the importance of the Hip flexors ,extensor ,hamastring and quadriceeps, popliteal & claf muscles help the football players in kicking the ball in match how? K4(12)
- 8) How will you assess a patients who is suffering from upper back pain what would you advice for this type of case. K5(15)
- 9) How will assess a case of sublaxation of the ACL injury ,what would be your advice for this type of case. K5(15)
- 10) Creat a diagnostic & treatment plan for the bursitis injury shoulder injury. K6(18)