Second B.P.Th. (New Course) Examination, July/August 2005
KINESIOTHERAPEUTICS

Total Duration: Section A+B+C = 3 Hours
Section B & C Marks: 60

SECTION – B & SECTION – C

Instructions: 1) All questions are compulsory.
2) The number to the right indicates full marks.
3) Draw diagrams wherever necessary.
4) Answer each section in the respective answer sheet only.
5) Answers written in the inappropriate sectional answer book will not be assessed in any case.

SECTION – B

2. Attempt any five out of six: \((5\times3=15)\)
   a) Describe axillary crutch with the help of a diagram.
   b) Give the types of breathing exercises.
   c) Enumerate any three principles of Proprioceptive neuro muscular facilitation techniques.
   d) Write about Delayed Onset Muscle soreness.
   e) Elasticity.
   f) Define strength, power and endurance.

3. Attempt any three out of four: \((3\times5=15)\)
   a) Explain Scapulo-humeral rhythm.
   b) Give the factors stabilizing the knee joint.
   c) Describe the arches of foot.
   d) Write briefly on kinesiological analysis of the activity of getting up from a chair.

SECTION – C

4. Describe the kinetics and kinematics of normal human gait. \(15\)

5. Discuss the assessment of standing, posture with reference to ‘ideal’ erect posture. \(15\)

OR

Give the causes of restricted motion and give methods of mobilisation of stiff knee.