Second B.P.Th. (New) Examination, May/June 2009
KINESIO THERAPEUTICS

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) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

SECTION - B

2. Attempt any five out of six: (5x3=15)
   a) Active cycle of breathing technique.
   b) Strengthening Exr. for quadriceps with muscle power force.
   c) Effects of spinal traction.
   d) Uses of bridging Exr.
   e) Determinants of gait.
   f) Non-wt bearing gait with axillary crutches.

3. Attempt any three out of four: (3x5=15)
   a) Stress-strain curve.
   b) Thoma’s test.
   c) Active inhibition technique.
   d) Nervous control of co-ordination. Write two co-ordination Exr. for lower extremities in sitting.

SECTION - C

4. Describe kinetic and kinematics of shoulder joint. 15

5. a) Describe breathing control. Define coughing and huffing. Explain manual therapeutic techniques used with postural drainage. (5+4+6)
   OR

5. b) Describe optimal posture. Analyse the optimal alignment of posture in sagittal plane. Draw neat labelled diagram to support your description. (5+7+3)