Fourth B.P.Th. (Revised) Examination, Summer 2013
PHYSIOTHERAPY IN MUSCULOSKELETAL CONDITIONS

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

Answer any five out of six: (5x3=15)

a) Bicipital tendinitis

b) Straight leg raise test

c) Hold-relax technique of MET

d) Hand to knee gait

e) Chondromalacia

f) Scapular stabilization exercises.

Answer any three out of four: (3x5=15)

g) Physiotherapy management for adhesive capsulitis.

h) Clinical features and management of spondylolisthesis.

i) Management for congenital talipes equinovarus.

j) Physiotherapy management for thoracic outlet syndrome.
3. Answer the following (any three out of four):
   a) Write in brief about physiotherapy management in sub-acute phase of adhesive capsulitis.
   b) Write briefly on physiotherapy interventions for plantar fascitis.
   c) Discuss the importance of patellar tracking during kinematics and kinetics of knee joint.
   d) Physiotherapy management in a patient suffering from grade I ankle sprain.

4. 45 yrs. female, head clerk in office is referred for physiotherapy management with diagnosis of prolapsed intervertebral disc at L4-L5 level since one week. Presently she has pain which is 7 on VAS and has difficulty in walking and squatting without support. She is the only earning member with a family comprising of her husband and one son of 14 year old.

   1) Write ICDH II.
   2) Plan short term management.
   3) Plan long term management.

5. a) Ram, 40 yrs old, shopkeeper has undergone below knee amputation following vehicular accident. He is married and has 2 children who are in school. He has been referred to physiotherapy department on 2nd day post operatively. Write assessment, short term and long term physiotherapy treatment.

   OR

   b) 55 yrs. old obese housewife coming from low socioeconomic class, has undergone left total knee arthroplasty 5 days back. She is known diabetic and hypertensive. Pain on V.A.S is 7.

   Write functional diagnosis.
   Write short term goal and management.
   Write long term goal and management.