Fourth B.P.T.I. (Revised) Examination, Summer 2016
PHYSIOTHERAPY IN MUSCULOSKELETAL CONDITIONS

Total Duration: Section A + B = 3 Hours
Total Marks: 80

SECTION A & SECTION B

Instructions:
1) Use blue/black ball point pen only.
2) 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.
3) All questions are compulsory.
4) The number to the right indicates full marks.
5) Draw diagrams wherever necessary.
6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.
7) Use a common answer book for all Sections.

SECTION A

1. Short answer question (any five out of six):
   (5x3=15)
   a) MWM technique for Tennis Elbow
   b) Do's and Don'ts after total Hip replacement
   c) Mallet finger and trigger finger
   d) Causes of pes planus
   e) Clinical features of supraspinatus tendinitis
   f) Causes of Extension Lag at Knee

2. Short answer question (any five out of six):
   (5x7=35)
   a) Scoliosis - Classification and Conservative Management
   b) Pre Prosthetic Training
   c) Piriformis syndrome - causes, Diagnosis and Treatment
   d) Colle's Fracture - PT Management
   e) PT management of Lumbar Spondylolisthesis
   f) Osteomyelitis - Clinical Features and PT management.

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3. Long answer question (any one out of two) (1x15):

a) A 25 yr. old football player comes to you with complaints of pain and discomfit in the right knee since 2 months. He was diagnosed as a case of Right ACL tear, Grade 2 along with tear of posterior horn of medial meniscus. He has undergone arthroscopic ACL reconstruction with shaving of medial meniscal posterior horn 3 days back.

Functional diagnosis with clinical reasoning.

Physiotherapy treatment plan:

b) A 55 yr. old male, insurance banker by occupation comes with complaints of pain in left shoulder with inability to lift the shoulder for overhead activities. His ROM of flexion, abduction and external rotation is severely reduced along with reduction is strength (grossly grade 3-4). He has uncontrolled diabetes.

Explain - Functional diagnosis with clinical reasoning.

Physiotherapy treatment plan along with goals

4. Long answer question (any one out of two) (1x15=)

a) A 65 yr. old male, retired banker by occupation comes with complaints of pain in left hip with difficulty to move the hip. He had sustained trauma post RTA 1 month ago and had ICNF (Intracapsular Femoral Neck) fracture managed with a Dynamic hip screw. His ROM of flexion, abduction and external rotation is severely reduced along with reduction is strength (grossly grade 3-4).

Discuss - short term and long term goals.

Physiotherapy treatment plan.

b) A 40 year old school teacher is referred to the physiotherapy department. She is having D 12 compression fracture without any neuro deficit and diagnosed as Lumbar canal stenosis with stenosis and treated conservatively. She is married and has an 11 year old son.

Describe - Functional diagnosis with clinical reasoning

Physiotherapy management.