Third BPTH (Revised), Winter 2014

Physical Diagnosis and Manipulative Skills
(Syllabus of Revised is Applicable to Old/New)

Total Duration: Section A + B = 3 Hours

Total Marks: 8

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 section.

Section "A" SAQ (50 Marks)

1. Short answer question (any five out of six):
   a) Ankle brachial index.
   b) Define 10 RM and Delorm progressive resistance exercise regimen.
   c) Types of end feel.
   d) Enumerate superficial reflexes.
   e) Three ECG changes in left bundle branch block.
   f) Define Chronaxie & Rheobase.

(5x3=15)

2. Short answer question (any five out of six):
   a) Explain neuro-development in first year of maturation with special emphasis on the sensory development.
   b) Write any three differences between Keitlernborn & Maitland's mobilisation. State their grades with well illustrated diagrams.
   c) Write a note on principles of PNF with examples.
   d) Nerve conduction velocity in neurogenic lesion and EMG finding in myogenic lesions.
   e) Explain in details any four kinds of postural deviations.
   f) Write a note on active & passive insufficiency with an example. Explain any two special tests to test hip flexors tightness.

(5x7=35)

https://www.onlinesir.com
3. Long answer question (any one out of two):

A 35 year old vegetable vendor came with chief complaint of intermittent pain in low back with cramps in calves since last 6 months. These symptoms increase on walking & gets completely relieved on sitting. Symptoms are gradually worsening since last 3 months. He is a sole earning member in the family of two. i) Give differential diagnosis. ii) Write down detailed assessment. iii) Functional diagnosis with clinical reasoning.

A 25 year old dancer came with chief complaint of pain in neck & upper trapezius region with referred pain bilaterally in both upper limbs. It is associated with heaviness & numbness in upper limbs while carrying out any reaching out or overhead activity. Complains are increasing since last 6 months. Patient frequently complained of pain & heaviness in trapezius area before 6 months. i) State differential diagnosis. ii) Write down detailed assessment. iii) Write down functional diagnosis.

4. Long answer question (any one out of two):


A 55 year old company manager complained of sudden onset of headache with disturbed vision along with weakness of right side of body. He was hospitalized for the same 4 days back. Presently he is conscious & co-operative. He was socially active & his job involved frequent travelling. He & his wife are the earning members in the family of three. i) State differential diagnosis ii) Write detailed assessment. iii) Write down functional diagnosis.