Third B.P.Th. (New Course) Examination, June/July 2004

PHYSICAL DIAGNOSIS AND MANIPULATIVE SKILLS

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 5 out of 6: (5 x 3 = 15)
   a) What is a motor unit?
   b) Explain factors limiting joint range.
   c) Explain any three tests that assess stability at knee joint.
   d) Draw and describe a standard concentric needle electrode.
   e) Explain endurance and how you would assess the same.
   f) What is a trick movement? Give two examples.

SECTION - C

1. Attempt any three out of four: (3 x 5 = 15)
   a) Explain with a diagram conduction along a myelinated nerve.
   b) Explain the slump test and its clinical significance.
   c) Explain environmental factors affecting growth and development.
   d) Explain postural control and how you would assess the same.

4. How would you assess a case of low back pain? Explain with functional analysis and goal setting. (5 - 7 = 15)

5. Explain functional analysis in a case of Parkinson's Disease based on ICDH II norms.
   a) Parkinson's Disease and clinical features.
   b) Functional analysis.

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a) What is (a) Chronic Obstructive Pulmonary Disease? (b) Give functional analysis and (c) Exercise testing. (5 + 5 + 5)