FUNCTIONAL DIAGNOSIS AND PHYSIOTHERAPEUTICS SKILL

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 (SAQ) (50 Marks)

1. Short answer question (any five out of six): [5 × 3 = 15]
   a) Enumerate any three tests for peripheral Arterial & Venous circulation.
   b) Define metabolic equivalent and write its significance.
   c) Explain Faradic Galvanic Test.
   d) Bryant’s triangle.
   e) Define End feel. Enumerate different types of normal and pathological end feels.
   f) Write any three positive radiographic findings of pulmonary tuberculosis.

2. Short answer question (any five out of six): [5 × 7 = 35]
   a) Explain the neurodevelopment of hand function.
   b) Write principles and technique of Nerve conduction studies. Add a note on F wave.

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P.T.O.
c) Write an note midbrain reflex.

d) Describe types of muscle energy technique. Add a note on contraindication and side effects of muscle energy technique.

e) Write principles of Brunnstrom approach. Explain stages of Brunnstrom.

f) Describe in detail about any three tests for knee joint instability.

SECTION-B (LAQ) (30 Marks)

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

a) A 39 year old male, truck driver by occupation sustained trauma and underwent below knee amputation of right side. He is married and having four children. Write in detail about assessment and functional diagnosis by using ICF. [8+7]

b) A 40 year old male carpenter, only earner in his family, had an injury below right elbow joint, complaints of unable to extend his right wrist joint. Write in detail about assessment & functional diagnosis by using ICF. [8+7]

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

a) A 52 year old male comes with complaint of breathlessness and cough with expectoration since last three years. He is smoker since 20 years and stays on first floor. Discuss in detail about assessment, differential diagnosis & functional diagnosis by using ICF. [5+5+5]

b) A 32 year old software engineer comes with complaint of localised pain in lower lumbar spine & difficulty in lumbar range of motion in early morning since last 1 month. Write in detail about assessment, differential diagnosis and functional diagnosis, by using ICF. [5+5+5]