Third B.P.T.H. (Revised) Examination: Summer 2016
PHYSICAL DIAGNOSIS AND MANIPULATIVE SKILLS

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 answerbook for all Sections.

SECTION - A

SAQ

1. Short answer question (any five out of six): (5×3=15)
   a) Define end feel.
   b) Postural syndrome.
   c) Grades of dyspnoea.
   d) ATNR and STNR.
   e) Special test for congenital dislocation of hip (CDH).
   f) F wave.

2. Short answer question (any five out of six): (5×7=35)
   a) Any 5 differences in the maitland mobilisation and kaltenborn mobilization.
   b) Normal and abnormal electromyographic study.
   c) Equilibrium and non-equilibrium test for co-ordination.
   d) Any 3 submaximal exercise tolerance tests protocols.
   e) Write a note on differentiation between including tests for neurological and vascular claudication.
   f) Explain use of faradic galvanic test and strength duration curve with examples.

P.T.O.

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3. Long answer question (any one out of two):
   (1x15=15)
   a) A 65 year old male managing director of cotton industry suffered from myocardial infarction with triple vessel block. He underwent angioplasty for the same 6 weeks back and recovering from the episode gradually. He is also suffering from Claudication in calf muscles since 1 year due to varicose veins in lower limbs. He bears a high socioeconomic status and leaves in family of 6 members out of which four are working. He is undergoing a progressive physical therapy program. He is known case of diabetes since 16 years and BMI index is 38. Describe ICF with clinical reasoning.
   b) A 30 year old male patient suffering from recurrent episodes of persistent productive purulent cough and frequent chest infections since 15 years. Recently he was admitted with new hemoptysis, shortness of breath, and borderline lung function with fever which was managed with antibiotics and anti-inflammatory medications. Patient was discharged 1 week back with instructions for positions of postural drainage daily with continuation of routine medication. He one of earning member among 3 and living in the family of 6 members. He is unmarried and has his own internet cafe. Write down probable differential diagnosis with X-ray findings and ICF with clinical reasoning.

4. Long answer question (any one out of two):
   (1x15=15)
   a) A 65 year old farmer underwent Proximal Femur Nailing surgery 1 week back for inter-trochanric fracture of femur. He is the one of the earning member among 3 and living in family of 6. He is diabetic and tobacco chewer. Write ICF with clinical reasoning.
   b) A 65 year old male patients came with chief complaints of difficulty in walking with imbalance, and difficulty in initiation of first footsteps, tremors, and stiffness in movements. He has been diagnosed as Parkinsonism 6 month back and he is on medication for the same. Patient is still working as CEO of a reputed company and wants to resume work. Write ICF with clinical reasoning.