Third B.P.Th. (Revised) Examination, Summer 2017
PHYSICAL DIAGNOSIS AND MANIPULATIVE SKILLS

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

SECTION – A

Instructions:
1) Use blue/black all 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) (50 Marks)

1. Short answer question (any five out of six):
   (5x3=15)
   a) Waist-hip ratio in obesity assessment.
   b) Enumerate any three principles of Neuro Developmental Technique.
   c) Enumerate any three contraindications for neural tissue tension test.
   d) What is electric silence in EMG? State its importance.
   e) Enumerate the difference between neurogenic and myogenic lesion pertaining to amplitude, duration and recruitment pattern of Motor unit action potential.
   f) Define irritability. State its two valuable uses in assessment.

2. Short answer question (any five out of six):
   (5x7=35)
   a) Describe the grades of Maitland's mobilisation method and state three contraindications for it.
   b) Describe the importance of assessing quality of life during examination of patient. Enumerate four scales for the same.
   c) State the differences between 'F' wave and 'H' reflex.
   d) Describe the features of normal strength duration curve.
   e) Discuss indications and contraindications to exercise tolerance testing.
   f) Discuss the principles of Proprioceptive Neuromuscular Technique in brief.

P.T.O.
3. Long answer question (any one out of two):
   a) A 60 year old, hypertensive and diabetic male, has Parkinson’s disease since past two years. He lives with his wife on 1st floor of a building. His condition has deteriorated and he is finding it difficult to walk without assistance. He also has difficulty in all A.D.L.
      Enumerate the impairments with clinical reasoning.
      Describe the activity limitation and participation restriction.
      Enumerate the contextual factors.
   b) A 40 year old handloom worker is diagnosed to have periarthritis of right shoulder 2 months back, pain at rest is 6 on 10 point scale and on movement is 8/10. He has difficulty in wearing his shirt and riding his bicycle.
      Give impairments with clinical reasoning.
      Discuss activity limitation and participation restriction.
      Enumerate the contextual factors.

4. Long answer question (any one out of two):
   a) A 50 year old male, cotton mill worker has dyspnoea on doing accustomed activities and occasional dry cough. He is a chronic smoker and has been diagnosed as having Emphysema. He has four school and college going children. His six-minute distance is 200 meters with 2 pauses.
      Give impairments with clinical reasoning.
      Discuss activity limitation and participation restriction.
      Enumerate the contextual factors.
   b) A 45 year old labourer, a chronic beedi smoker since past 30 years has been diagnosed to have Burger’s disease. His chief complaints are pain and occasional swelling in the feet and legs during work and walking. His claudication time is 15 minutes. His wife works as a house-maid and they have 2 children.
      Give impairments with clinical reasoning.
      Discuss the activity limitations and participation restriction.
      Enumerate the contextual factors.