Third B.P.Th. (Revised) Examination, Winter 2017
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 answer book for all sections.

SECTION – A (50 Marks)

(SAQ)

1. Short answer question (any five out of six): (5x3=15)
   a) Three causes of chest pain.
   b) Grades of dyspnea.
   c) Test to confirm patello femoral arthritis.
   d) Three abnormal postures of spine.
   e) Symmetrical and asymmetrical tonic neck reflex.
   f) Three types of speech impairments.

2. Short answer question (any five out of six): (5x7=35)
   a) Grades of Maitland manipulation.
   b) Tests of coordination.
   c) Test to assess thoracic outlet syndrome.
   d) Normal and Abnormal EMG at minimal and maximal activity.
   e) Enumerate submaximal exercise test. Describe any one in detail.
   f) Discuss principles and techniques of PNF for upper extremity.

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SECTION – B (30 Marks) (LAQ)

3. Long answer question (any one out of two): (1×15=15)
   a) A 65 year old lady got operated for Total Hip replacement following fracture neck femur one week ago. She complains of pain on sulure site at rest and on movement. She is able to sit with assistance but finds difficult to walk. She is a house wife and stays on second floor with no lift facility. Her son and daughter in law are working. Write the functional diagnosis using ICF with clinical reasoning.
   b) A 32 year old Mr. Shinde is diagnosed as Guillain barre syndrome since a month. He has proximal and distal weakness with bilateral muscle strength of shoulder around 3 and wrist and hand of 1. Lower extremity power around hip is 3 and knee 2 and ankle and foot 2. He also finds difficulty in breathing. He can roll and turn in bed. He cannot sit without assistance. Presently able to walk with great difficulty and unable to use his hand for ADL. He would like to go back to work as lab technician. Discuss assessment and write impairments, activity and participation in ICF format.

4. Long answer question (any one out of two): (1×15=15)
   a) A 65 year old post menopausal housewife come to PT department with complain of gradual increase in pain in both the knees since 5 year. She is 5 feet tall and weighs 70 kg. She has waddling gait. She stays on 4th floor without lift. Her house is walking distance of 10 minutes from a tertiary care hospital. She does all her ADL and instrumental ADL activities. She has tried all types of medications. Discuss assessment and functional diagnosis using ICF.
   b) A 35 year old chief executive suffered a inferior wall myocardial infarct three days back. Presently patient is hospitalized. His heart rate is around 60-65 bpm with blood pressure of 98/60. At rest he has no pain. His ejection fraction on 2D echo is 45%. His ECG shows S1 segment elevation. He is known hypertensive and smoker too. He has one year old child. His wife is very supporting and is anxious about future. Discuss assessment and functional diagnosis using ICF framework.

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