First BPTH (2012), Winter 2015
Fundamentals of Kinesiology and Kinesiotherapy - IV
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 (50 Marks)

1. Short answer question (any five out of six):
   a) Note on stable equilibrium
   b) Effect of warm up exercise
   c) Write an note on Angle of pull
   d) Jacobson method of relaxation
   e) Note on Shoulder wheel
   f) Dhanurasana.

2. Short answer question (any five out of six):
   a) Write the note on standing and write its effect and uses.
   b) Physical Properties of water used in Hydrotherapy.
   c) Note on Type of muscle work and add an note on Passive insufficiency.
   d) Name the derived position from Kneeling and write any three positions in detail.
   e) Define Gonionetry and write an note on measurement of Shoulder Flexion.
   f) Write a note on Principles of passive mobility exercises.

Section "B" LAQ (30 Marks)

3. Long answer question (any one out of two):
   a) Discuss levers in human body with respect to Mechanical Advantage.
   b) Define Suspension add an note on its types and Explain Vertical Suspension for shoulder Abduction.

4. Long answer question (any one out of two):
   a) Define Passive movement and write its principles, effect & uses in detail.
   b) Define massage, Give its classification and write in details about pertissage maneuver.

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