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 part of the 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

Short answer question (any five out of six): (50 Marks)

a) Gower's sign
b) Write any 3 coordination tests
c) Claw hand
d) Any 3 techniques to treat spasticity
e) Halipike dlx manoeuvre
f) Rhythmic Initiation.

Short answer question (any five out of six): (5x3=15)

a) Write in detail about NDT.

b) Discuss in detail gait training for Parkinson's patient.

(5x7=35)
c) Discuss in detail principles of motor learning.

d) Write in detail mainstay of P.T. management in Motor Neurone Disease.

e) Discuss in detail management of foot drop.

f) Management of chronic pain.

SECTION - B

LAQ

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

a) A 55 year old male patient came to P.T. department with chief complains of difficulty in moving left upper limb and lower limb since past one month. His relatives also informed that he responds to people who are on right side only. Give functional diagnosis, short term, long term goals with management.

b) A 3 year old female child was brought to P.T. dept, with inability to sit and stand independently. She has achieved head holding at the age of 7 months. Started rolling at the age of 11 months. She has a history of birth asphyxia. Give functional diagnosis, and management along with long term and short term goals.

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

a) A 39 year old lady was referred to P.T. dept. with the chief complains of fatigue on minimal activity since 3 months. She gives history of blurred vision 1 year back which subsided with the treatment. Give functional diagnosis and P.T. management along with short term and long term goals.

b) A 2 year old male child was brought to P.T. dept. with chief complains of inability to stand and walk independently. The child had hypotonia and moon like face. Give functional diagnosis with short term and long term goals.