



Fourth B.P.Th. (Revised) Examination, May/June 2011
PHYSIOTHERAPY IN MUSCULOSKELETAL CONDITIONS

Total Duration: Section A + B + C = 3 Hours

Section B & C Marks: 60

SECTION - B & SECTION - C

Instructions: 1) *All questions are compulsory.*

2) *The number to the right indicates full marks.*

3) *Draw diagrams wherever necessary.*

4) *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.*

SECTION - B

(SAQ)

(30 Marks)

2. Answer the following (any five out of six) :

(5×3=15)

- Explain any three abnormal end feels.
- Write the diagnostic clinical tests for tennis elbow.
- Write the capsular pattern of range restriction for shoulder joint.
- Explain the precautions to be taken for assessment and treatment in the first week following total hip replacement.
- Differentiate between somatic referred pain and radicular pain.
- Explain any three abnormal end feels.

3. Answer the following (any three out of four) :

(3×5=15)

- Discuss the rationale of physical therapy management before amputation transfer.
- Explain the stages of soft tissue healing.
- Discuss any two deformities of wrist and hand caused by Rheumatoid arthritis.
- Discuss the short term goals of physical therapy management following below knee amputation.

P.T.O.

SECTION - C
(LAQ)

4. Raghu, 36 years old construction worker gives history of fall from height of 20 feet, 3 weeks back. He is diagnosed as D₁₀-D₁₁ burst fracture and treated with stabilization with trans-laminar screw and plate fixation 2 wks back.

He now complains of paraparesis, stiffness in the lower limb muscles with difficulty in voiding the urine. He is married with 2 children and is the only bread earner of the family.

- Explain the functional diagnosis with clinical reasoning.
- Write contextual factors.
- Plan the short term and long term goals of physiotherapy management.

(1×15=15)

5. Seeta, 54 years old female comes with history of fall on outstretched hand 6 wks back. She was diagnosed as Colles, fracture and treated with plaster cast. She stays with her unmarried son in slum and works as a housemaid. She is post menopausal since 6 years.

- Explain the functional diagnosis with clinical reasoning.
- Write the contextual factors.
- Plan the short term and long term goals of physiotherapy management.

(1×15=15)

OR

Gajabhau, 62 years old farmer staying in village, complains of bilateral knee pain, right more than left since 6 months. Now VAS at rest is 3 and on activity 6. Pain aggravates on activities like squatting, sitting crossed legged. He has developed flexion and varus deformity at both the knees.

- Explain the functional diagnosis with clinical reasoning.
- Discuss contextual factors.
- Plan the physiotherapy management.

(1×15=15)