

**51411**

Fourth B.P.Th. (2012) Examination, Summer 2017

P41 UCI.ILnSKELPTAL PHYSiOTHER_APY

Total Duration : Section A ± B 3 Hours

Total Marks : 80

SECTION — A c6. 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

(SAO)

(50 Marks)

1. Short answer question (any five out of six) :

(5x3=15)

- a) Explain Q angle.
- b) Explain Postural Syndrome of McKenzie.
- c) Explain Lumbar Pelvic Rhythm.
- d) Complications of Colles's fracture.
- e) Causes of PIVD.
- f) Grades of Kaltenborn mobilisation.

2. Short answer question (any five out of six) :

(5x7=35)

- a) PT management after Total Hip replacement.
- b) Wrist and Hand deformities caused by Rheumatoid arthritis.
- c) Short term PT management after below knee amputation.
- d) PT management of tennis elbow.
- e) Explain SLUMP test in detail.
- f) PT management of bicipital tendinitis.

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51411

SECTION — B
(LAQ)

(30 Marks)

3. Long answer question (any one out of two) : (1 x15=15)

- a) A 38 years married software engineer, a sole earning member of his family, was diagnosed with Ankylosing Spondylitis 8 years ago. He is experiencing severe back pain. loss of mobility at spine, weakness in trunk muscles with difficulty in breathing. He is meticulous on his medicines and exercises.

Based on the above information,

Explain the functional diagnosis.

Plan the Physiotherapy management with goals.

- b) 56 year old female, undergone bilateral TKR surgery before 2 days, she has pain at rest VAS 4/10 and pain on knee movements VAS is 7/10 and her knee ROM is 0-30 bilaterally. She is not allowed to ambulate for 2 more days as her hypertension is not settled yet. She is in private room of hospital with 24 hr. nursing care. There is no other significant past medical history. Her family members are very supportive.

Based on the above information,

Explain Functional diagnosis.

Physiotherapy management_

4. Long answer question (**any one** out of two) : (1x15=15)

- a) A 45 year old male patient, working as a gardener gradually developed radiating pain in left lower limb on posterolateral aspect over last six months. Now pain is 8/10 on VAS, weakness of EHL, and he is unable work due to pain thus depends on his son for daily expenditure. His wife is caring and encourages him for regular treatment with physician. Discuss the functional diagnosis with clinical reasoning. Write in detail the short term and long term goals along with the physiotherapy management.

- b) A 50 yr. old housewife taking regular treatment at charitable polyclinic near to her house since last three months. Her chief complaint is pain in her neck which is radiating in upper limb since last 3 months, reduced strength of left grip. On examination she is having forward head posture. Extension is painful & Upper limb tension test for median nerve is positive. She is worried due to her condition and management of daily work at home.

Explain the functional diagnosis.

Plan her short term and long term goals along with physiotherapy management.