

**51411****Fourth BPTH (2012) Examination, Summer 2018
MUSCULOSKELETAL PHYSIOTHERAPY**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 (50 Marks)**(SAQ)**

1. Short answer question **(any five out of six) :** **(5x3=15)**
 - a) Special tests to assess shoulder impingement syndrome.
 - b) Factors affecting fracture healing.
 - c) Impairments and functional limitations in a patient with plantar fasciitis.
 - d) What is capsular pattern ? Give two examples.
 - e) Enumerate the dynamic restraints of shoulder joint.
 - f) De Quervain's Tenosynovitis.
2. Short answer question **(any five out of six) :** **(5x7=35)**
 - a) Explain the grades of soft tissue injury and give PT management of grade 1 injury.
 - b) PT management for Reflex Sympathetic Dystrophy.
 - c) Explain the different scales for pain assessment.
 - d) PT management of Phantom limb pain.
 - e) What are myotomes, dermatomes and sclerotomes ? Enumerate the myotomes and dermatomes of lower quarter.
 - f) PT management of pain in acute stage of Rheumatoid arthritis.

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**SECTION B (30 Marks)****(LAO)****3. Long answer question (any one out of two) : (1x15=15)**

a) 60 years old male, retired government servant had sustained inter-trochanteric fracture on right side which was managed by dynamic hip screw fixation 1 month back. He stays with his son on 3rd floor with lift facility. He likes to play with his 2 grand children who are school going. He is obese and has diabetes which is under control. Write about

- i) Functional diagnosis with clinical reasoning
- ii) Short term goals with appropriate precautions and contraindications
- iii) Long term goals.

(5+6+4)

b) 35 years old male, officer in a Government bank complains of pain in low back region which aggravates on bed mobility and other transitions. He complains of morning stiffness which lasts for more than 30 minutes and gets relieved with activity. His HLA- B27 test shows positive result. He is referred to physiotherapy Dept. Write about

- i) Functional diagnosis with clinical reasoning
- ii) Short term goals in detail
- iii) Long term goals.

(5+6+4)**4. Long answer question (any one out of two) : (1 x1 5=15)**

a) A 45 yr. old house-maid comes with difficulty in performing ADL's and pain in the Rt Shoulder following Rotator Cuff Injury. Give the Functional Diagnosis, Plan short term and long term goals and Physiotherapy Management for the same.

(5+5+5)

b) A 49 yr old car mechanic is operated for Right Total knee replacement following chronic OA knee. Give the Functional Diagnosis, Plan short & long term goals and Physiotherapy Management for the patient.

(5+10)