

[Total No. of Pages : 2]

**51411**

**Fourth B.P.Th. (2012) Examination, Winter-2020**  
**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 (SAQ) (50 Marks)**

1. Short answer question (**any five** out of six) : **[5 × 3 = 15]**
  - a) Reciprocal inhibition.
  - b) Three diagnostic criteria for Lumbar spondylolisthesis.
  - c) Three differences between Neurogenic and vascular claudication.
  - d) Three techniques to improve soft tissue mobility.
  - e) Grades of Pott's paraplegia.
  - f) Painful arc syndrome.
2. Short answer question (**any five** out of six): **[5 × 7 = 35]**
  - a) PT management following Rotator cuff injury.
  - b) Facet joint arthropathy- differential diagnosis and PT treatment.
  - c) Reflex sympathetic dystrophy-differential diagnosis and PT treatment.
  - d) Physiotherapy management following colle's fracture managed conservatively.

**51411**

- e) Thoracic outlet syndrome-differential diagnosis and PT management.
- f) Causes, diagnosis and PT management of patello-femoral pain syndrome.

### SECTION - B (LAQ) (30 Marks)

3. Long answer question (**any one** out of two): **[1 × 15 = 15]**
- a) A 45 years female clerk referred to physiotherapy department. She is suffering from neck pain which is radiating to Right arm. She had the same problem 6 months ago and the pain that time was subsided by medication. Now the symptoms are worsening and she is on medical leave.
    - i) Write down the ICF **[3]**
    - ii) Discuss the differential diagnosis **[5]**
    - iii) Discuss short term & long term goals and Physiotherapy Management **[7]**
  - b) 39 years old female referred to physical therapy department with complaints of pain, swelling and stiffness in joints of wrist and hands of both sides since 1 year.
    - i) Write down ICF **[3]**
    - ii) Discuss differential diagnosis **[4]**
    - iii) Discuss short term & long term goals and physiotherapy management **[8]**
4. Long answer question (**any one** out of two) : **[1 × 15 = 15]**
- a) A 65 year old female suffering from severe pain, morning stiffness at right knee joint, difficulty in climbing stairs, difficulty in squatting. She could not get relief by conservative management. She was advised to do TKR of right side and admitted in hospital.
    - i) Describe pre-operative physiotherapy management **[5]**
    - ii) Write down post operative assessment **[5]**
    - iii) Prepare physiotherapy protocol from Day-1 to Day-5 **[5]**
  - b) A 70 year old male patient referred to physiotherapy department who under gone hemiarthroplasty of right hip last day. Presently he complaints of pain at the suture site.
    - i) Write down ICF **[4]**
    - ii) List the Do's and Don'ts following hemiarthroplasty. **[3]**
    - iii) Discuss the goals and physiotherapy management. **[8]**

