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51411**Fourth B.P.T.H. (2012) Examination, Summer - 2021**
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) Write 3 clinical features of Perthes disease.
 - b) Write Pathomechanics of boutonniere deformity.
 - c) State Orthosis used in high ulnar nerve palsy.
 - d) Enumerate any 3 indications of Total knee replacement.
 - e) Write Clinical features of grade 3 lateral ankle ligament sprain.
 - f) State pathological difference in osteoarthritis and rheumatoid arthritis.

2. Short answer question (**any five** out of six) : [5 × 7 = 35]
 - a) Discuss physiotherapy management of 'Volkmann's ischemic contracture'.
 - b) Discuss functional impairments and physiotherapy management for plantar fasciitis.
 - c) Discuss physiotherapy management of grade two rotator cuff tear.

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- d) Discuss the different grades of Maitland mobilization technique with respect to joint reactivity and stage of tissue healing.
- e) Discuss assessment and Physiotherapy management for left thoracic postural scoliosis.
- f) Differentiate between neurogenic and vascular claudication.

SECTION-B LAQ (30 Marks)

3. Long answer question (**any one** out of two) : **[1 × 15 = 15]**

- a) A 62 years old retired air marshal underwent right side THR 1 week back. He gives history of AVN on the same side post TCNF fracture. He has duplex flat and need to climb 4 stairs. He runs an NGO for orphans. Discuss ICF along with short term & long term physiotherapy management. **[5+10]**
- b) A 48 years old software engineer complains of severe neck pain radiating to right upper extremity since 7 days. He is also complaining of tingling in lateral 2 fingers. Write down probable differential diagnosis with ICF and clinical reasoning along with physiotherapy management. **[5+10]**

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

- a) A 35 year old road traffic inspector met with an accident. He suffered from patella fracture of RT knee. Fracture was surgically managed by TBW 3 weeks back. Discuss ICF and PT management.
- b) A 30 year old machine operator, met with an accident while working in ice factory. He is operated for FTI (zone 2) middle two fingers 1 week back. Discuss ICF along with physiotherapy management with clinical reasoning **[5+10]**

