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Master of Physiotherapy (M.P.T.) [Orthopedics]

1st YEAR EXAMINATION, 2011-12

**MEDICAL SURGICAL MANAGEMENT IN DISORDER OF
THE MUSCULOSKELETAL SYSTEM**

Time : 3 Hours]

[Max. Marks : 100

**Note: This question paper contains two Sections 'A' and 'B'.
Attempt all the sections as per instructions.**

SECTION-A

Attempt any four questions

1. What is Rickets? Discuss its clinical manifestation and Management in detail. [5+15]
2. Explain the pathomechanics of PIVD, describe the clinical presentation, diagnosis and management of PIVD AT L₅-S₁ level. [20]
3. Write in detail about the Ankylosing spondylitis including causes, clinical features, Assessment and management. [20]
4. Explain the causes, clinical feature, Diagnosis and management of ACL deficient knee. [20]
5. Discuss the role of ilizarov technique in fracture management. [20]

SECTION-B

Attempt any four questions of this section:

1. Hallux Valgus [4×5=20]
2. Implants for proximal femur fracture
3. Wrist Instability
4. Ganglion
5. Triple deformity of knee



Roll No.

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Master of Physiotherapy (M.P.T.) - [Orthopedics]

1st YEAR EXAMINATION, 2011-12

**PHYSIOTHERAPY MANAGEMENT IN DISORDERS OF
THE MUSCULOSKELETAL SYSTEM-I**

Time : 3 Hours]

[Max. Marks : 100

Section A

1. *Attempt short notes on any Five of this section.* [8×5=40

- (a) Examination of Inert and Contractile structures.
- (b) Illustrate and describe the stretching technique for Sterno Cleido Mastoid and Scalenei muscle.
- (c) Pathomechanics of Dequarians with P.T. Management.
- (d) Post-op P.T. Management of Nerve Grafting.
- (e) Progressive Resisted Exercise.
- (f) Pressure Manipulation
- (g) NCV

Section B

Attempt in detail any Three of four from this section : [20×3=60

2. Illustrate and describe the Orientation of Facet Joint in Cervical region and discuss the technique of mobilizing facet it.
3. Explain the choice of current waveform, Pulse width and freq to stimulate a denervated ms.
4. Describe the Pathomechanics of Patellofemoral dislocation with P.T. Management.
5. Discuss the P.T. Management for the complication of fracture in neck femur.

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1st YEAR EXAMINATION, 2011-12

PHYSIOTHERAPY MANAGEMENT IN DISORDERS OF
THE MUSCULOSKELETAL SYSTEM-II

Time : 3 Hours]

[Max. Marks : 100

Note: Attempt any *five* questions. Draw diagram where necessary.

1. Discuss the clinical features, diagnosis and PT management [20]
of Ankylosing Spondylitis Palatal.
2. Write short notes on any *two* : [10x2=20]
 - (i) Tendoachilles Tendinitis
 - (ii) Complications of Scaphoid Fracture & its management.
 - (iii) PT management of Scoliosis.
3. Discuss the indications for Patellectomy and PT [20]
management after the surgery.
4. Describe the clinical features diagnosis medical and PT [20]
management of Pott's Spine.
5. Explain the clinical feature and PT management of Radial [20]
Nerve Injury at the level above the Spiral groove.
6. Write short notes on any *two* : [10x2=20]
 - (i) De Quervains tenosynovitis
 - (ii) PT management of Plantar Fascitis.
 - (iii) Arthrogrydosis Multiplex Congenita.
7. Briefly explain what is Total Hip Arthroplasty? Discuss the [20]
PT management after THR.
8. What is Osteomyelitis? Discuss the Medical, Surgical and [20]
role of PT in Osteomyelitis.