

No. of Printed Pages: 1

Roll No.....

**JAMIA HAMDARD
DEPARTMENT OF PHYSIOTHERAPY
SCHOOL OF NURSING SCIENCES & ALLIED HEALTH**

**MPT 1st YEAR (MUSCULOSKELETAL), ANNUAL EXAMINATION, MAY 2024
MEDICAL AND SURGICAL MANAGEMENT OF MUSCULOSKELETAL DISORDERS (THEORY)
PAPER CODE: MTM – 162**

Time: 3 Hours

Maximum Marks: 75 Marks

(Write your Roll No. on top of the paper immediately)

All sections are compulsory. Draw diagrams wherever necessary. Give examples wherever necessary.

SECTION – A

Write Medical and Surgical Management of any **FIVE** of the following: **(5 × 5 Marks = 25 Marks)**

- Q1.** Complex regional pain syndrome
- Q2.** Osteomyelitis
- Q3.** Osteoporosis
- Q4.** Myositis ossificans
- Q5.** Bicipital tendinitis
- Q6.** Multiple Myeloma

SECTION - B

Answer any **TWO** of the following: **(2 × 10 Marks = 20 Marks)**

- Q1.** Describe the medical and surgical management of rotator cuff injury.
- Q2.** Describe the medical and surgical management of Pott's fracture.
- Q3.** Describe the medical and surgical management of prolapsed inter vertebral disc at lumbosacral level with chief complaints of radicular pain and motor weakness.

SECTION - C

Answer any **TWO** of the following: **(2 × 15 Marks = 30 Marks)**

- Q1.** Define arthroplasty. Enumerate the absolute and relative contraindication of total knee arthroplasty. Describe the pre and postoperative rehabilitation of non-cemented total hip arthroplasty.
- Q2.** Describe the epidemiology, recent diagnostic guidelines, clinical features, and rehabilitation of rheumatoid arthritis.
- Q3.** Describe the epidemiology, clinical features, diagnosis, pre and post-surgical rehabilitation of anterior cruciate ligament injury.
