

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF PHYSIOTHERAPY
MPT, Examination April - 2018

Year: 2

Subject Code: 07201201

Subject Name: Physiotherapy in Orthopedics

Date: 26/04/2018

Time: 10:00 am to 1:00 pm

Total Marks: 70

Instructions:

1. All questions are mandatory
2. Figures to the right indicate full marks.
3. Draw Diagram wherever necessary.
4. Write separate sections on separate answer sheets.

SECTION - A

- Q.1 Describe the mechanical properties of articular cartilage and its response to injury, immobilization and rehabilitation. **(15)**
- Q.2 Describe the pathomechanics of rotator cuff injuries. Explain the assessment to be used including all special tests. Outline conservative and progressive physiotherapy program for this injury. **(15)**

SECTION - B

Q.3 Short Notes

- (a) Methods of electro-diagnosis used in orthopedic evaluation. **(10)**
- (b) Below knee amputation. Describe two possible prosthesis with their advantages and disadvantages. **(10)**
- (c) Assessment of hand function in detail. **(10)**
- (d) Core muscle training and its importance. **(10)**