

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF PHYSIOTHERAPY
BPT, July – 2018 Examination

Year: 1

Subject Code: 07101106

Subject Name: Biomechanics & Kinesiology-I

Date: 14/07/2018

Time: 10:00am to 12:00pm

Total Marks: 35

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 Write in detail about kinetics, Kinematics and Pathomechanics of Knee joint. **(15)**

OR

Q.1 What are the static and dynamic stabilizer of the shoulder joint? Write down about importance of rotator cuff muscle in stabilization during overhead movement. **(15)**

SECTION-B

Q.1 Write Short Notes (4 out of 5) (5 Marks each) **(20)**

- (a) Trabecular system of femur
- (b) Scapulohumeral rhythm
- (c) Types of Grips
- (d) Principles of stability
- (e) Arches of the foot