

Seat No: \_\_\_\_\_

Enrollment No: \_\_\_\_\_

**PARUL UNIVERSITY**  
**FACULTY OF PHYSIOTHERAPY**  
**BPT, November – 2018 Examination**

**Year: 2**

**Date: 26/11/2018**

**Subject Code: 07101205**

**Time: 10:00am to 12:00pm**

**Subject Name: Biomechanics & Kinesiology-II**

**Total Marks: 35**

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**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** Define Gait, explain the phases and determinants of gait & explain any two pathological gaits. **(15)**

**OR**

**Q.1** Write about kinetics and kinematics of lumbar spine. **(15)**

**SECTION-B**

**Q.2 Write Short Notes (4 out of 5) (5 Marks each)** **(20)**

- (a) Pelvic tilt
- (b) Write about different postural stress observed in occupation of computer operator.
- (c) Pump handle & bucket handle movement during respiration.
- (d) Define skilled movements & describe the principles of skillful movement.
- (e) Structure and functions of Intervertebral discs.