

Seat No: _____

Enrollment No: _____

PARUL UNIVERSITY
FACULTY OF PHYSIOTHERAPY
MPT, April – 2019 Examination

Year: 1
Subject Code: 07200101
Subject Name: Basic Science

Date: 22/04/2019
Time: 10:00am to 1:00pm
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** Define gait? Explain kinetic and kinematic analysis of gait in saggital plane (15)
- Q.2** Describe the different types of electrical stimulation and effects on various systems. (15)

SECTION- B

Q.3 Short Notes

- (a) Biomechanics of respiration (10)
- (b) Explain the environmental factors that influences on performance. (10)
- (c) Explain the strategies of fatigue management.. (10)
- (d) Explain in detail Chi-square test. Add a note on its significance in statistics. (10)