



[LN 752]

OCTOBER 2018

Sub. Code: 8152

MPT DEGREE EXAMINATION
(Common to all Branches)
FIRST YEAR
PAPER II – PHYSIOTHERAPEUTICS

Q.P. Code : 278152

Time : Three hours

Maximum : 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Define Neural mobilization. Explain in detail about the principles, indications, contra indications, assessment and method of application of Buttlar's neural mobilization for upper limb.
2. Define Laser. Production of Ruby laser, physiological, therapeutic effects, indication, contra-indication, techniques of evidence based clinical application of Laser.

II. Write notes on:

(10 x 6 = 60)

1. Derangement syndrome.
2. Principles of aerobic exercise.
3. Compound motor action potential.
4. Fryette's Law.
5. Stretch reflex.
6. Contract relax technique for hamstrings.
7. Filters.
8. Tissue repair and healing.
9. Specificity and pattern theory.
10. Physiological effects of Infra Red Radiation.
