

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[LO 6270]

FEBRUARY 2019

Sub. Code: 6270

**BPT DEGREE EXAMINATION  
SECOND YEAR  
PAPER III - EXERCISE THERAPY – I**

*Q.P. Code : 746270*

**Time: Three hours**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss in detail the technique and effects and uses of passive movements.
2. Discuss in detail the effects and uses of free exercises.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Group action of muscles.
2. Static power test.
3. Antero-posterior tilt.
4. Free exercises to shoulder.
5. Neuro muscular co-ordination.
6. Types of pathological gait.
7. Prone lying.
8. Active stretching.

**III. Short answers on:**

**(10 x 2 = 20)**

1. Motor unit.
2. Synergist.
3. Support.
4. Posture tone.
5. Speed test.
6. Gravity.
7. Axis and plans.
8. Grasp standing.
9. Accessory movements.
10. Second order lever.

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