

[LM 6254]

FEBRUARY 2018

Sub. Code: 6254

**BPT DEGREE EXAMINATION
FIRST YEAR
PAPER IV – BASIC AND APPLIED PHYSICS FOR
PHYSIOTHERAPY**

Q.P. Code : 746254

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: (2 x 20 = 40)

1. Describe in detail about types, principles, factors determining capacity of Condenser.
2. Define Equilibrium. Explain about the types and equilibrium in static and dynamic state.

II. Write notes on: (8 x 5 = 40)

1. Diode valve.
2. Gravity.
3. Capacitors.
4. Force.
5. Potentiometer.
6. Magnetic lines of force.
7. Explain About Line of Gravity and Center of Gravity.
8. LED.

III. Short answers on: (10 x 2 = 20)

1. Define Velocity.
2. Define acceleration.
3. Joule's law.
4. Electromotive Force.
5. Define Momentum.
6. Inertia.
7. Define Power.
8. Impedance.
9. Solid Friction.
10. Shunt Rheostat.
