

(LQ 1555)

AUGUST 2020
(MAY 2020 SESSION)

Sub. Code: 3068

**DIPLOMA IN PHYSICAL MEDICINE AND REHABILITATION
(D.PHYS.MED.) EXAMINATION**

**APPLIED BASIC SCIENCES IN RELATION TO PHYSICAL
MEDICINE AND REHABILITATION**

Q.P. Code: 343068

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 15 = 30)**

1. Draw the diagram of brachial plexus and enumerate the branches and muscles supplied. Describe the various types of brachial plexus injuries, clinical presentations, investigations and outline the management guidelines.
2. Draw the cross section anatomy of the knee and discuss clinical presentation, assessment and management of the internal derangements of knee

II. Write notes on: **(10 x 7 = 70)**

1. Arches of foot
2. Coronary circulation
3. Gait determinants
4. Motor unit recruitment
5. Antiplatelet agents
6. Selective Cox 2 Inhibitors
7. ATP
8. Herpes Zoster
9. Anaerobic threshold
10. Wound healing
