

QP Code:101184

Reg. No.:.....

**P.G. Diploma Regular/Supplementary Examinations in Physical
Medicine & Rehabilitation (DPMR) May 2021**

**Paper I – Basic Sciences as Applied to Physical Medicine & Rehabilitation
(Anatomy, Physiology, Biochemistry, Pathology, Pharmacology, Biophysics &
Kinesiology)**

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Draw a labelled diagram of the knee joint and the surrounding structures. Explain the locking and unlocking mechanism of the knee and its clinical application.

Short Essays: (8x10=80)

2. Acetaminophen
3. Calcium metabolism
4. Neuromuscular junction
5. Anticholinergics medications and its uses
6. Granuloma
7. Moments of force
8. Golgi tendon organ
9. Cardiac output
