

QP Code:101184

Reg. No.:.....

P.G. Diploma Supplementary Examinations in Physical Medicine & Rehabilitation (DPMR) October 2018

**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*
- *Draw diagrams wherever necessary*

Essay: (20)

1. Draw in detail the architecture of the muscle and explain the contraction, relaxation with the sliding filament theory.

Short Essays: (8x10=80)

2. Gram negative bacteria
3. Vitamin D
4. Serum lipids
5. The Circle of Willis
6. Motor unit
7. MRSA (Methicillin Resistant Staph Aureus)
8. NSAID
9. Creatinine
