

**QP Code: 101113**

**Reg. No.:.....**

**PG Degree Regular/Supplementary Examinations in Physical  
Medicine & Rehabilitation (MD) June 2020**

**Paper I – Basic Sciences as Applied to Physical Medicine & Rehabilitation**

**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 in detail the neural innervation of the bladder and bowel and explain types of neurogenic lower urinary tract dysfunctions.

**Short essays:**

**(8x10=80)**

2. Anti-tuberculous medications.
3. Vitamin B<sub>12</sub>
4. Serum alkaline phosphatase
5. The Circle of Willis
6. Explain sliding filament theory of muscle
7. Carbapenems
8. Positive sharp waves
9. Carpal tunnel and its relations

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