

QP Code: 101113

Reg. No.:.....

PG Degree Supplementary Examinations in Physical Medicine & Rehabilitation (MD) December 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 a labelled diagram of the cross section of spinal cord at mid thoracic level. Enumerate the tracts passing through this level giving a brief description about each tract

Short essays:

(8x10=80)

2. Drugs used in the management of primary osteoporosis.
3. What are the different types of levers. Give an example of each type of lever as present in the human body.
4. Define metabolic equivalent. How is it useful in the rehabilitation of a patient with post myocardial infarction.
5. What are ultrasonic waves. What is their mode of action when applied to the human body. What are their contra-indications.
6. Explain rheumatoid factor. What is its relevance in the diagnosis of rheumatoid arthritis.
7. Explain body mass index. What is its relevance to different disease conditions as encountered in PMR practice
8. Oxybutynin.
9. Circle of Willis
