

QP Code: 101107

Reg. No.:.....

**PG Degree Supplementary Examinations in General Medicine (MD)
November 2021**

Paper I – Basic Sciences as Applied to General Medicine

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 cross section of the spinal cord at T₁₀ level and mark all the tracts. Describe the blood supply to the spinal cord. Discuss the physical findings if the patient undergoes hemi section of the cord on the left side.

Short essays:

(8x10=80)

2. Discuss pathophysiology in chronic hepatic failure
3. Non Mendelian patterns of inheritance
4. Antibiotic stewardship
5. Discuss the HIV lifecycle and the classes of drugs that act at various stages.
6. Discuss lipoprotein metabolism
7. Discuss the various molecular diagnostics used in clinical medicine
8. Define morbid obesity. Discuss the various mechanisms of morbid obesity.
9. Complement pathways in relation to disease
