

PG Degree Supplementary Examinations in General Medicine (MD)
January 2024

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. Discuss about pathophysiology and management of Pain. Discuss the approach, diagnostic evaluation of a patient with chronic headache.

Short essays:

(8x10=80)

2. Spleen structure and function
3. Draw and label the cross section of spinal cord showing various tracts
4. Define anion gap. Enumerate causes of Metabolic Acidosis and mention algorithm for its management
5. Epigenetics
6. HLA: role in health and disease
7. What are induced pluripotent stem cells. Describe stem cell therapy and discuss its role in medical therapeutics
8. Angioedema
9. Nerve conduction studies.
