

QP Code: 101107

Reg. No.:.....

**PG Degree Supplementary Examinations in General Medicine (MD)
December 2020**

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. A 30 years old female presented with arthritis of her small and large joints of 3 weeks durations. Her blood pressure was recorded to be 160/100mm Hg. Answer the following.

- List the clinical features that would help you arrive at a diagnosis
- What investigations would you ask for and why
- Enumerate the possible complications
- List the drugs that would be used in her management (5+5+5+5)

Short essays:

(8x10=80)

2. Anti pseudomonal antibiotics
3. Tests for statistical significance
4. Epigenetics
5. Immune reconstruction syndrome
6. Biomarkers in medicine
7. Growth factors
8. High anion gap acidosis
9. Tumour lysis syndrome
