

QP Code: 101107

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in General Medicine
(MD) May 2022**

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. Describe principles of echocardiography. List echocardiography findings in a normal heart. Mention the echo features of mitral regurgitation.

Short essays:

(8x10=80)

2. Circle of Willis
3. B₁₂ metabolism
4. Metabolic acidosis
5. Coagulation pathways
6. Pathology of diabetic kidney disease
7. Monoclonal antibodies
8. Nipah Virus
9. Student t test
