

QP Code: 101120

Reg. No.:.....

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

Paper I – Basic Sciences as Applied to Family 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 lady who works as a secretary in an office complains of generalized aches and pains. Her vitamin D was found to be very low. Answer the following:

- Describe briefly vitamin D metabolism
- List the causes of vitamin D deficiency.
- Describe briefly clinical features and management of rickets. (8+2+10)

Short Essays:

(8x10=80)

2. Anatomical basis and treatment advice for gastro-oesophageal reflux disease
3. Anatomy of venous system of the lower limb and clinical features of varicose veins
4. Describe normal menstrual cycle. Discuss the mechanism of action and complications of intra-uterine contraceptive device.
5. Starling's law and its importance in cardiac failure. Describe briefly the management of patient with heart failure in ambulatory care.
6. Classification of antihypertensive drugs and indications for using each class of drug. Outline the JNC 8 guidelines for management of essential hypertension.
7. Describe briefly the clinical anatomy, diagnosis and management of tennis elbow.
8. Pathophysiology and management of ascites
9. The functions of the dorsal column-medial lemniscal pathway. What history and clinical findings will you elicit on its dysfunction.
