

**QP Code: 101120**

**Reg. No.:.....**

**PG Degree Examinations in Family Medicine (MD) April 2019**

**Paper I – Basic Sciences as Applied to Family Medicine**

**Time: 3 hrs**

**Max marks:100**

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

**Essay:**

**(20)**

1. A 70 years old lady comes to you with swelling of her ankles and feet for the past one week. She is a diabetic and a hypertensive on regular treatment. On examination you note that she has bilateral pitting pedal oedema. Answer the following:

- Briefly describe the principles of trans capillary fluid exchange and pathology of tissue oedema.
- The possible causes of pedal oedema in this patient.
- List the investigations you would ask for to investigate this patient.
- Describe briefly management of congestive heart failure. (8+4+2+6)

**Short Essays:**

**(8x10=80)**

2. Spirometry and its use in family practice
3. Differential diagnosis, history and clinical examination of a patient who presents with dizziness
4. Normal gastric acid secretion and peptic ulcer disease
5. Normal menstrual cycle and clinical approach to a 45 years old lady with menorrhagia including history, physical examination and investigations
6. Anatomical localization of cause of knee pain through history and physical examination
7. Features of normal sinus rhythm in an ECG and causes of palpitation.
8. Physiological changes in aging
9. Antidepressants

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