

**QP Code: 101107**

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

**PG Degree Supplementary Examinations in General Medicine (MD) –  
November 2017**

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

**Time: 3 hrs**

**Max marks:100**

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

**Essays:**

**(20)**

1. A 72 years old man presented to the emergency with altered sensorium. He did not have any seizure, fever or focal neurological deficit. His biochemical parameters reveal serum calcium of 11.5 mg/dl, serum albumin of 2.5 gm/dl and blood urea of 80 mg/dl. What could the possible causes for these metabolic abnormalities.  
Discuss calcium homeostasis in a normal individual

**Short essays:**

**(8x10=80)**

2. Patient autonomy and medical practice
3. Case control studies
4. Non-alcoholic steato-hepatitis
5. LDH as laboratory test
6. Pathology in SLE nephritis
7. Pathogenesis of atherosclerosis
8. Pathology of malignant hypertension
9. Tests for microcytic hypochromic anaemia

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