

QP Code:102114

Reg.No.:.....

**PG Degree Examinations in Physiology (MD) - May 2017**

**Paper II - Systemic Physiology (Hematology, CVS, GIT, Respiratory System,  
Renal Physiology)**

**Time: 3 hrs**

**Max marks:100**

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

**Essays:** (20)

1. Describe the mechanism underlying protection of gastric mucosa from its own acid secretion.

**Short essays:** (8x10=80)

2. Valsalva's manoeuvre.
3. Mean electrical axis.
4. Gravity induced effects in blood flow.
5. Fibrinolytic system.
6. Channelopathies in kidney disorders.
7. Relation of protein diet with kidney function.
8. J-receptors.
9. Role of glomerulus in renal function

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