

Q.P.Code:304379

REG. No:.....

**Final Year M.Sc Medical Physiology Degree Supplementary Examinations
February 2018**

**Gastro Intestinal Physiology, Endocrine System, Reproductive System, Recent
Advances in Physiology**

Time: 3 hrs

Max. Marks: 100

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

Essay: (20)

1. Describe gastric juice secretion in various stages and how are they regulated. Add a note on recent trends in peptic ulcer.

Short Essays: (8x10=80)

2. Describe functions of zona glomerulosa layer of adrenal cortex and its hormonal regulation
3. Mechanism of actions of insulin and thyroxine
4. Negative and positive feedback regulation in endocrine homeostasis
5. Physiology of lactation and milk let down
6. Mechanism of actions of antidiuretic hormone and its regulation
7. Physiological basis for symptoms of uncontrolled diabetes mellitus
8. Deglutition mechanism and achalasia cardia
9. Disorders of parathyroid glandular secretion
