

Q.P. Code: 304379

Reg. No:.....

**Final Year M.Sc Medical Physiology Degree Examinations
September 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. Briefly describe the mechanism of HCl secretion in the stomach along with its regulation. Add a note on the phases of gastric juice secretion.

Short Essays: (8x10=80)

2. Actions of posterior pituitary hormones.
3. Temporary contraceptive measures used by females.
4. Hormonal regulation of pancreatic juice secretion.
5. Synthesis and regulation of thyroid hormones.
6. Blood-testis barrier.
7. Role of parathormone and calcitriol in calcium homeostasis
8. Spermatogenesis and factors affecting it.
9. Mechanism of action of peptide hormones.
