

Q.P.Code:304379

REG. No:.....

**Final Year M.Sc Medical Physiology Degree Supplementary Examinations
February 2017**

Time: 3 hrs

Max. Marks:- 100

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

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

Essay: (20)

1. Describe synthesis of thyroid hormone and discuss physiological actions of thyroxine.
Add a note on its regulation.

Short Essays: (8x10=80)

2. Exocrine functions of pancreas and its regulation
3. Spermatogenesis and factors regulating it
4. What are APUD cells. Describe their role in gastrointestinal functions
5. Recent contraceptive methods in male and females.
6. Actions and regulation of gonadotrophic hormones in male and female
7. Milk ejection and parturition reflexes
8. Hormonal regulation of calcium ion homeostasis
9. Movements of gastrointestinal tract system
