

Q.P. Code: 304379

Reg. No:.....

**Final Year M.Sc Medical Physiology Degree Regular/Supplementary
Examinations August 2019**

**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 the synthesis and actions of thyroxine in various systems. Give the symptoms of thyrotoxicosis.

Short Essays: (8x10=80)

2. What are local hormones and their role in endocrine physiology
3. Functions of placenta
4. Zollinger-Ellison syndrome
5. Recent strategies in management of Type 2 Diabetes Mellitus
6. Spermatogenesis and oogenesis
7. Pavlov's pouch and Heidenhain's pouch
8. Digestion and absorption of fat in GI tract
9. Conn's syndrome.
