

Q.P.Code:304379

REG. No:.....

**Final Year M.Sc Medical Physiology Degree Supplementary Examinations,
February 2016**

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. Explain the hormonal regulation of blood glucose level. Add a note on hyperglycemia.

Short Essays:

(8x10=80)

2. Describe the composition, functions and regulation of secretion of saliva.
3. Explain the metabolic and anti-inflammatory functions of cortisol.
4. Describe the stages and factors influencing spermatogenesis.
5. Explain the family planning methods used by female with its physiological basis, merits and demerits.
6. Describe the stages of deglutition.
7. Compare pituitary dwarfism with thyroid dwarfism.
8. Describe the digestion and absorption of proteins.
9. Describe the hormonal control of lactation and parturition.
