

**Q.P.Code:304379**

**REG. No:.....**

**Final Year M.Sc Medical Physiology Degree Supplementary Examinations,  
February 2015**

**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. Discuss the hypothalamo-pituitary-adrenal axis in normal and stress condition.

**Short Essays: (8x10=80)**

2. Describe mechanism of secretion of gastric juice in different phases.
3. Dwarfism and cretinism.
4. Spermatogenesis and its control mechanism.
5. Foeto-placental unit.
6. Ovarian and uterine changes in normal menstrual cycle.
7. Recent theory of hearing mechanism with evidences.
8. Modern trends in hormone therapy.
9. Hepatic bile and gall bladder bile.

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