

Q.P.Code:304379

REG. No:.....

Final Year M.Sc Medical Physiology Degree Examinations, September 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. Describe the changes seen in the ovaries and uterus during a normal 28 days menstrual cycle. Add a note on indicators of ovulation.

Short Essays: (8x10=80)

2. Metabolic actions of growth hormone. Add a note on pituitary dwarfism.
3. Movements of small intestine.
4. Mechanism of action and regulation of aldosterone secretion.
5. Composition and functions of gastric juice.
6. Digestion and absorption of carbohydrates.
7. Feto-placental unit.
8. Physiological basis of features of cushing syndrome.
9. Differentiate between hepatic and gall bladder bile and mention the functions of bile.
