

(LN 2014)

SEPTEMBER 2018

Sub. Code: 2014

**B.PHARM. DEGREE EXAMINATION
PCI REGULATION – SEMESTER II
FIRST YEAR
PAPER I – HUMAN ANATOMY AND PHYSIOLOGY – II**

Q.P. Code: 562014

Time: Three hours

Maximum: 75 Marks

I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)

1. Write about the structure and functions of brain.
2. Explain the anatomy of respiratory system with neat labelled diagram. Add a note on mechanism of respiration.
3. a) Explain about anatomy of female reproductive system.
b) Give a brief note on menstrual cycle.

II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)

1. Physiology of urine formation.
2. Endocrine function of pancreas.
3. Reflex action.
4. Anatomy and functions of liver.
5. Role of RAS in kidney.
6. Resuscitation methods.
7. Write about neurotransmitter with examples.
8. Hormones secreted by anterior pituitary gland.
9. Spermatogenesis.

III. Short answers on: Answer ALL questions. (10 x 2 = 20)

1. Define mountain sickness.
2. Acromegaly.
3. Define BMR.
4. Neuroglia.
5. Define saliva and its functions.
6. Functions of hypothalamus.
7. Tidal volume.
8. Micturition reflex.
9. Hepatitis.
10. Define oogenesis.
