

Q.P.Code 112014 (New Scheme)

Reg. No.:.....

First Year BPT Degree Supplementary Examinations, April 2017

PHYSIOLOGY

(2012 - Scheme)

Time : 3 hrs

Max marks : 100

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essays:

(2x14=28)

1. Define blood pressure and mention its normal values. Explain the mechanism of short term regulation

2. Explain the origin, course, termination and functions of pyramidal tracts

Short notes:

(4x8=32)

3. Mechanism of Neuro-muscular Transmission

4. List the properties of reflexes

5. Visual pathway

6. Explain the mechanism of breathing

Answer briefly:

(10x4=40)

7. Heart sounds

8. Name various lung volumes and capacities

9. Name the components of reflex arc

10. List the functions of platelets

11. Name "three" hormones of anterior pituitary gland and give one action for each

12. Define GFR and mention its normal value

13. Saltatory conduction

14. List the functions of saliva

15. Give the physiological classification of sensory receptors

16. Name the photoreceptors and mention their functions
