

Q.P.Code: 112014

Reg. No.:.....

**First Year BPT Degree Supplementary Examinations August 2018****Physiology****(2012 - Scheme)**

Time : 3 hrs

Max marks : 100

- Answer all questions
- Draw diagrams wherever necessary

**Essays:****(2x14=28)**

1. Define BP and write its normal value. Explain nervous regulatory mechanism. Add a note on shock
2. Explain lung volumes and capacities

**Short notes:****(4x8=32)**

3. Explain pain pathway with diagram
4. Explain cardio-vascular changes during exercise
5. Describe the events of neuromuscular transmission
6. Explain hypoxia in detail

**Answer briefly:****(10x4=40)**

7. List "four" disorders of cerebellum and explain any one
8. Packed cell volume
9. Wallerian degeneration
10. Functions of platelets
11. List the names of four gastrointestinal hormones
12. List two types of white blood cells and give two functions for each
13. Draw a neat labelled diagram of 'neuron'
14. Name "two" anticoagulants and mention their action
15. Enumerate physiological actions of anti diuretic hormone on metabolism
16. Active transport

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