

First Year BPT Degree Supplementary Examinations February 2019

Physiology

(2012 Scheme)

Time : 3 hrs

Max marks : 100

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

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

1. Define Blood pressure and it's normal value. Describe factors affecting BP **(2+6+3+3)**

2. Explain hypoxia in detail

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

3. Carbon dioxide transport

4. ECG leads and waves

5. Describe the steps of excitation-contraction coupling mechanism.

6. Name the properties of synapse. Explain any two in detail

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

7. Functions of cerebellum

8. Jaundice

9. Body fluid compartments

10. Conducting system of the heart

11. Respiratory changes in exercise

12. Phagocytosis

13. Functions of hypothalamus

14. Erythroblastosis foetalis

15. Functions of bile

16. Deglutition
