#### QP CODE:104006

First Year B.Pharm Degree Supplementary Examinations, February 2016

## HUMAN ANATOMY AND PHYSIOLOGY

# (2010 - Scheme)

## Time: 3 Hours

- Answer all Questions.
- Draw diagrams wherever necessary.

#### Essay

- 1. How will you determine blood pressure. What are the factors that regulate blood pressure.
- 2. Draw a neat diagram of eye. Discuss the physiology of vision.
- 3. Classify joints with suitable examples. Explain the synovial joints with the help of a diagram.

#### Short notes

- 4. Explain the properties of cardiac muscle.
- 5. Describe the structure and function of cell
- 6. Name the different types of salivary glands. List down the composition and functions of saliva.
- 7. Explain the auditory and non-auditory functions of the ear.
- 8. Hypo and hyperthyroidism.
- 9. Draw and label Nephron. Describe different parts of Nephron
- 10. Erythroblastosis fetalis.
- 11. Explain the role of lungs in maintaining acid-base balance.
- 12. Functions of hypothalamus.
- 13. Steps involved in ovulation process.
- 14. Parasympathetic innervations and its function.
- 15. Various lung volumes
- 16. Explain the functions of lymphocytes
- 17. Functions of liver

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## Reg.No: .....

## Total Marks: 100

#### (14x5=70)

(3x10=30)