

## First B.Sc Optometry Degree Supplementary Examinations - August 2012

## GENERAL ANATOMY

Time: 3 hrs

Max marks :80

- Answer all questions
- Draw diagram wherever necessary

## Essays

(2x15=30)

1. Describe the parts and surfaces of stomach. Explain the blood supply of stomach using a neat labeled diagram
2. Define cartilage. Name the different types and describe them using neat labeled diagrams

## Short notes

(5x5=25)

3. Blood supply of heart
4. Microscopy of optic nerve
5. Transitional epithelium with a neat labeled diagram
6. Sagittal section of eyeball
7. Synovial joint with a neat labeled diagram

## Answer briefly

(10x2 = 20)

8. Connective tissue fibers
9. Anastomosis of blood vessels
10. Diagram of a typical neuron
11. Simple epithelia with example
12. Difference between right and left lungs
13. Smooth muscle
14. Structure of tonsil
15. External features of lungs
16. Pituitary gland
17. Development of retina

## One word answer

(5x1 = 5)

18. The gland which has both exocrine and endocrine functions
19. The major constituent of tunica media in large arteries
20. Cells providing myelin sheath in the central nervous system.
21. Name the tissue where intercalated disc is seen
22. The largest organ in human body

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