

Q.P.Code 101013

Reg. No.:.....

First Year B.Sc Optometry Degree Examinations - September 2014

GENERAL ANATOMY

Time : 3 hrs

Max marks : 80

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

Essays

(2x15=30)

1. Describe the external features, surfaces and coverings of heart. Explain the blood supply of heart with the help of a neat labeled diagram
2. Define and classify joints. Describe the constituents of a typical synovial joint with the help of a neat labeled diagram

Short notes

(5x5=25)

3. Stratified squamous epithelium with neat labeled diagram
4. Sulci and gyri of cerebrum with functional areas
5. Extra ocular muscles and movements of eyeball
6. Sagittal section of eyeball
7. Lacrimal apparatus and the course of the lacrimal fluid

Answer briefly

(10x2 = 20)

8. Elastic cartilage and its sites
9. Microscopic structure of bone
10. Lobes and surfaces of lung
11. Tonsil
12. External features of tongue
13. Layers of retina in order
14. Fibers of the connective tissue
15. Microscopy of skeletal muscle
16. Appendages of thin skin
17. Simple epithelium with sites

One word answer

(5x1 = 5)

18. The major constituent of tunica adventitia in large veins
19. Name the cells acting as macrophages in the nervous system
20. Name two sites where smooth muscle is seen
21. Type of epithelium seen in urinary bladder
22. Lobe of cerebrum related with visual cortex
