

**Q.P.Code 101013**

**Reg. No.:.....**

First Year B.Sc Optometry Degree supplementary Examinations –  
November 2015

**(2010 Scheme)**  
**GENERAL ANATOMY**

**Time : 3 hrs**

**Max marks : 80**

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

**Essays**

**(2x15=30)**

1. Describe the layers of eyeball with the help of a sagittal section diagram. What is uveal tract and describe its different layers
2. Define and classify epithelium. Describe stratified squamous epithelium with the help of labeled diagrams

**Short notes**

**(5x5=25)**

3. Blood supply and lymphatic drainage of stomach
4. Microscopy of thyroid gland
5. Bronchopulmonary segments
6. Development of eyeball from optic vesicle, lens placode and the surrounding mesoderm
7. Blood supply of heart

**Answer briefly**

**(10x2 = 20)**

8. Large artery
9. Layers of cornea with a neat labeled diagram
10. Sulci and gyri of frontal lobe of cerebrum
11. Skeletal muscle
12. Microscopy of hyaline cartilage
13. Lymph node
14. Thick skin
15. Spleen
16. Visual pathway
17. Important sutures of skull

**One word answer**

**(5x1 = 5)**

18. The major constituent of tunica media in the medium sized arteries
19. The muscle related with the secretion of sebaceous gland in thin skin
20. The extra ocular muscle supplied by sixth cranial nerve
21. The other name for posterior limiting membrane of cornea
22. Two sites where fibro cartilage is seen

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