

**First Year B.Sc Optometry Degree Supplementary Examinations  
December 2017  
General Anatomy & Ocular Anatomy  
(2014 Scheme)**

**Time: 3 hrs**

**Max marks: 80**

- Answer all questions
- Write section A and section B in separate answer books(32 Pages). Do not mix up questions from section A and section B.

**Q P Code: 111013 Section A – General Anatomy**

**Marks: 40**

**Essay: (10)**

1. Classify epithelia ,Describe each type with examples ,draw labelled diagrams of each.

**Short notes: (3x5=15)**

2. Classification of joints
3. Microscopy of bone
4. Thin skin

**Answer briefly: (5x2=10)**

5. Pseudo stratified columnar ciliated epithelia
6. Glands
7. Cardiac muscle
8. Thymus
9. Medium sized artery

**Fill in the blanks: (5x1=5)**

10. Myelin sheath is formed by.....
11. Connective tissue of the central nervous system is formed by .....
12. Blood vessels that supply blood vessels are called.....
13. Kuffer cells are found in.....
14. Optic nerve begins in..... layer of retina

**Q P Code: 112013 Section B – Ocular Anatomy**

**Marks: 40**

**Essay: (10)**

1. Explain the anatomy of the eye with help of a neat diagram. Add a note on the functions of each part.

**Short notes: (3x5=15)**

2. Layers of retina- histology
3. Visual path way
4. Lacrimal gland

**Answer briefly: (5x2=10)**

5. Central artery of retina
6. Extra ocular muscles
7. Structure of lens
8. Histology of cornea
9. Chalazion

**Fill in the blanks: (5x1=5)**

10. All extra ocular muscles are supplied by ..... except superior oblique and lateral rectus
11. The part of the eye which is transplanted is .....
12. The epiphora is due to .....
13. The function of ciliary muscles of the eye is .....
14. Nerve cells are present in ..... layer of the eye