

**First Year B. Sc Optometry Degree Supplementary Examinations April 2024**  
**General Anatomy & Ocular Anatomy**  
**(2014 Scheme)**

Time: 3 hrs

Max marks: 80

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw table/diagrams/flow charts wherever necessary
- Write section A and section B in separate answer books. Do not mix up questions from section A and section B.

**Q P Code: 111013 Section A – General Anatomy****Marks: 40****Essay:**

1. Describe nervous tissue Discuss ganglia in detail

**(10)****(4+6)****(3x5=15)****Short notes:**

2. Differences between spleen and thymus
3. Microscopy of hyaline cartilage
4. Simple epithelia

**(5x2=10)**

5. Differences between medium sized artery and large artery
6. Bones forming knee joint
7. Parts of gall bladder
8. Connective tissue fibers
9. Parts of cerebrum

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

10. Rectum continues as .....
11. Cavity of midbrain is .....
12. Give one example of elastic cartilage.....
13. Right coronary artery arises from .....
14. Layers of pleura are .....

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**Q P Code: 112013 Section B – Ocular Anatomy****Marks: 40****Essay:**

1. Describe lacrimal apparatus. Discuss lacrimal gland in detail

**(10)****(4+6)****(3x5=15)****Short notes:**

2. Development of eye
3. Extra ocular muscles
4. Ophthalmic artery

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

5. Histology of retina
6. Superior orbital fissure
7. Lesions of optic pathway at various levels
8. Iris muscles
9. Accommodation reflex

**(5x1=5)**

10. Which duct opens into inferior meatus.....
11. Aqueous humor drains into .....
12. Vitreous humour is present in .....
13. Optic foramen transmits.....
14. Keratitis is .....

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