

**First Year B.Sc Optometry Degree Supplementary Examinations May 2022  
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:**

(10)

1. Name the different types of synovial joints. Describe ball and socket joint.

(5+5)

**Short notes:**

(3x5=15)

2. Histology of spleen
3. Layers of epidermis of thick skin
4. Types of connective tissue

**Answer briefly:**

(5x2=10)

5. Nerve supply of deltoid muscle
6. Transitional epithelium
7. Parts of large intestine
8. Chambers of heart
9. Parts of brain stem

**Fill in the blanks:**

(5x1=5)

10. Larynx continues as.....
11. Beta cells of the pancreas secrete.....
12. First part of small intestine is.....
13. The cavity of hind brain is.....
14. Common hepatic artery is branch of.....

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

Marks: 40

**Essay:**

(10)

1. Describe the layers of retina. Name the artery supplying retina.

(8+2)

**Short notes:**

(3x5=15)

2. Lateral rectus
3. Ciliary ganglion
4. Structure of cornea

**Answer briefly:**

(5x2=10)

5. Anterior chamber of eye
6. Trochlear nerve
7. Blind spot
8. Constrictor pupillae
9. Optic canal

**Fill in the blanks:**

(5x1=5)

10. Optic chiasma is formed by union of.....
11. The artery passing through the optic nerve is.....
12. Vitreous humour is present in.....
13. Cataract is disease of.....
14. The layer of eyeball adjacent to retina is.....