

Reg. No.: .....

# First Year B. Sc Optometry Degree Supplementary Examinations April 2024

## Paper I - Anatomy

### (2016 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: 121013**

**Section A – General Anatomy**

**Marks: 40**

**Essay:**

**(10)**

1. Classify epithelium and give its functions. Describe stratified epithelium giving examples

**Short notes:**

**(3x5=15)**

2. Synovial joints
3. Describe different types of cartilage
4. Coronary arteries

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

5. Cells of connective tissue
6. Name the parts of respiratory tract
7. Structure of Neuron
8. Meninges
9. Thyroid gland

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

10. Largest lymphoid organ in body is -----
11. Thickest layer of large artery is -----
12. Intercalated disc is seen in -----
13. Membrane covering cartilage is -----
14. The part of small intestine into which the bile duct opens, is -----  
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**Q P Code: 122013**

**Section B – Ocular Anatomy**

**Marks: 40**

**Essay:**

**(10)**

1. Describe the Retina in detail

**Short notes:**

**(3x5=15)**

2. Lacrimal apparatus
3. Aqueous humor
4. Oculomotor nerve

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

5. Superior orbital fissure
6. Superior oblique muscle
7. Optic radiations
8. Ciliary body
9. Development of lens

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

10. Ophthalmic veins drain into -----
11. Thickest layer of cornea is -----
12. The bone forming major part of orbital roof is -----
13. Abducent nerve supplies -----
14. Lacrimal nerve is a branch of -----  
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