

First Year B.Sc Optometry Degree Supplementary Examinations**February 2021****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. Mention the different types of epithelia. Describe transitional epithelium.

(5+5)**Short notes:****(3x5=15)**

2. Fibrous joints
3. Types of connective tissue.
4. Histology of lymph node

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

5. Bones forming knee joint
6. Microscopic difference between hyaline and elastic cartilage
7. Parts of small intestine
8. Branches of arch of aorta
9. Parts of stomach

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

10. Sigmoid colon is continuation of.....
11. Spinal cord is continuation of.....
12. Insulin is secreted by.....cells of islets of Langerhans
13. Ileum open into.....part of large intestine.
14. Superior vena cava open into.....chamber of heart.

Q P Code: 112013 Section B – Ocular Anatomy**Marks: 40****Essay:****(10)**

1. Mention the layers of retina. Add a note on rods and cones

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

2. Superior oblique muscle
3. Ciliary body
4. Iris

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

5. Canal of schlemm
6. Cornea
7. Abducent nerve
8. Ophthalmic artery
9. Lacrimal apparatus

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

10. The muscle that elevates the upper lid is
11.is vascular coat of eyeball
12. The parasympathetic ganglion present in the orbit is.....
13. The optic nerves join to form.....
14. The muscle causing lateral movement of the eyeball is.....