

First Year B.Sc Optometry Degree Regular/Supplementary Examinations
January 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. Mention different types of cartilage. Describe hyaline cartilage in detail

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

2. Difference between skeletal and cardiac muscle
3. Microscopy of lymph node
4. Stratified squamous epithelium

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

5. Microscopic difference between sympathetic and spinal ganglia.
6. Types of connective tissue
7. Bones forming hip joint
8. Parts of pancreas
9. Chambers of heart

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

10. Duodenum continues as.....
11. Cerebrospinal fluid is present in.....
12.nerve is supplying gluteus maximus muscle
13. The outer layer covering the bone is called.....
14. Splenic artery is branch of.....

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

1. Name the extraocular muscles. Describe the nerve supply and actions of lateral rectus muscle.

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

2. Development of eye
3. Ciliary Ganglion
4. Structure of cornea

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

5. Levator palpebrae superioris
6. Optic disc
7. Histology of retina
8. Dilator pupillae
9. Central artery of retina

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

10. Ptosis is caused by paralysis of.....
11. Anterior chamber of the eye drains into.....
12. Trochlear nerve supplies.....
13. Lesion of optic chiasma result in.....
14. Nasolacrimal duct opens into.....