First Year B.Sc Optometry Degree Regular/Supplementary Examinations
August 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. Classify the different types of muscle tissue. Discuss microscopy of cardiac muscle. (6+4)
Short notes: **(3x5=15)**
2. Kidney.
3. Difference between microscopy of thick and thin skin.
4. Types of cartilage.
Answer briefly: **(5x2=10)**
5. Lungs.
6. Synovial joint.
7. Microscopy of lymph node.
8. Right atrium
9. Parts of stomach.
Fill in the blanks: **(5x1=5)**
10. The brachiocephalic artery is a branch of ----------.
11. Insulin is produced by --------------- cells of pancreas.
12. Axillary nerve supply -------- muscle.
13. Skin is lined by _____ epithelium.
14. Testis consists of ----------tubules.

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

Essay: **(10)**
1. Mention the groups of extraocular muscles. Discuss on the extrinsic muscles with action and nerve supply.   (5+5)
Short notes: **(3x5=15)**
2. Superior orbital fissure.
3. Microscopic structure of retina.
4. Ophthalmic artery.
Answer briefly: **(5x2=10)**
5. Layers of cornea.
6. Edinger westphal nucleus.
7. Lacrimal sac.
8. Iris.
9. Optic nerve.
Fill in the blanks: **(5x1=5)**
10. Levator palpebrae superioris muscle is supplied by -----------nerve.
11. Descemet's membrane is part of ------------.
12. --------------is neural coat of eyeball.
13. ---------nerve pass through optic canal.
14. Opacity of lens is called ---------.

****