

First Year B.Sc Optometry Degree Regular/Supplementary Examinations
January 2022
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 joints. Describe synovial joints

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

2. Elastic cartilage
3. Right atrium
4. Transitional epithelium

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

5. Epiphysis
6. Sinusoids
7. Diagram of cell
8. Compound epithelia with examples
9. Cardiac muscle

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

10. The organ supplied by coronary arteries is _____
11. The thickest layer of large vein is _____
12. Pseudo unipolar neurons are present in _____
13. Hassal's corpuscles are present in _____
14. Bronchopulmonary segments are aerated by _____

Q P Code: 122013**Section B – Ocular Anatomy****Marks: 40****Essay:****(10)**

1. Describe the visual pathway

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

2. Layers of retina
3. Ciliary ganglion
4. Oculomotor nerve

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

5. Parts of choroid
6. Dilator pupillae
7. Layers of cornea
8. Superior oblique
9. Aqueous humor

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

10. In-torsion of the eyeball is by _____
11. Retina develops from _____
12. Constriction of the pupil is caused by _____ muscle
13. Inferior oblique muscle is supplied by _____
14. Primary visual area is situated in _____ lobe of cerebrum.