

First Year B.Sc Optometry Degree Examinations December 2017

Paper I - Anatomy

(2016 Scheme)

Time: 3 hrs

Max marks: 80

- Answer all questions
- Draw diagrams 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. Define joint. Mention the different types of joints. Describe synovial joint with help of neat labeled diagram

Short notes: (3x5=15)

2. Right lung
3. Stratified epithelium
4. Blood supply of long bone

Answer briefly: (5x2=10)

5. Define cartilage
6. Name any the appendages present in skin
7. Diagram of a typical spinal nerve
8. Name the types of fibers present in connective tissue
9. Cardiac muscle

Fill in the blanks: (5x1=5)

10. The glands in the skin that secrete an oily or waxy matter, called sebum are called as -----.
11. The lining epithelium of tunica interna of large arteries is -----.
12. The cell providing myelin sheath in the peripheral nervous system is -----.
13. The tissue where hassall's corpuscle is seen is -----.
14. Superior vena cava terminates into ----- chamber of the heart

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

1. Describe the origin, course and distribution of trochlear nerve.

Short notes: (3x5=15)

2. Ciliary ganglion
3. Layers of retina
4. Levator palpebrae superiors

Answer briefly: (5x2=10)

5. Coloboma
6. Pupillary light reflex
7. Anterior chamber of eye
8. Draw and label the contents of superior orbital fissure
9. Name any four branches of ophthalmic artery

Fill in the blanks: (5x1=5)

10. The ----- is the point of sharpest, most distinct visual acuity within the eye.
11. The muscle which causes abduction of eyeball is -----.
12. Cornea develops from -----.
13. Uveitis is inflammation of ----- layer of eyeball.
14. The sebaceous gland related to tarsus is -----