



[AHS 0321]

MARCH 2021

Sub. Code: 2732

(AUGUST 2020 EXAM SESSION)

B.OPTOM

FIRST YEAR (Regulation 2018-2019)

PAPER II – OCULAR ANATOMY AND OCULAR PHYSIOLOGY

Q.P. Code : 802732

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Describe the anatomy of third cranial nerve.
2. Describe the anatomy of uveal tract.
3. Describe Wald's visual cycle.

II. Write notes on:

(8 x 5 = 40)

1. Explain the layers of eyelid
2. Explain visual evoked potential
3. Explain the lacrimal gland with diagram.
4. Explain the anterior segment of eyeball
5. Explain Hering's law of equal innervation.
6. Explain the composition of aqueous humour
7. Explain the grades of binocular single vision
8. Explain the tests to assess lacrimal excretory function.

III. Short answers on:

(10 x 3 = 30)

1. Write briefly on macula lutea
2. Name the layers of cornea
3. Name the bones forming medial wall, lateral wall and roof of orbit
4. Name the yoke muscles
5. What are suspensory ligaments of lens?
6. Write briefly about Horner's syndrome.
7. Write about confrontation method
8. Write about mechanism of accommodation.
9. Name 3 tests for detecting defects of colour vision
10. Write about vergence movements of eyeball.
