



[AHS 0321]

MARCH 2021

Sub. Code: 2742

(AUGUST 2020 EXAM SESSION)

B.OPTOM

SECOND YEAR (Regulation 2018-2019)

PAPER II – VISUAL OPTICS

Q.P. Code : 802742

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Cardinal points of the eye
2. Different visual acuity charts and their applications
3. Write in detail about aphakia

II. Write notes on:

(8 x 5 = 40)

1. Pathological myopia
2. Signs of pseudophakia
3. Components of optical system
4. Convergence insufficiency
5. Fogging
6. Refracting surface of the eye
7. Aniseikonia
8. Anomalies of accommodation

III. Short answers on:

(10 x 3 = 30)

1. Transpose : +4.00 D Sph/ -1.00 D Cyl x55
2. Facultative hypermetropia
3. Hirschberg test
4. Astigmatic fan
5. RAF ruler
6. Cycloplegia
7. Magnification
8. Binocular refraction
9. Corneal curvature and its measurement
10. Angle alpha and kappa

