

2010 scheme

Q.P. Code 202013

Reg. No.:.....

Second Year B.Sc Optometry Degree Supplementary Examinations February 2020 Clinical Examination of Visual Systems & Instruments

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*

Essays

(2x15=30)

1. Describe the principle of Snellen's chart. How do you test the visual acuity and colour vision
2. What is retinoscopy. How do you do retinoscopy. Mention the optical principle and difficulties of retinoscopy.

Short notes

(5x5=25)

3. Tonometer
4. Binocular single vision
5. Optics of slit lamp
6. Prism Bar Cover Test (PBCT)
7. Gonioscopy

Answer briefly

(10x2=20)

8. Inter Pupillary Distance (IPD)
9. Simple microscope
10. Trial set
11. R A F rule
12. Perimetry
13. Phoropter
14. "A - Scan.
15. Pin hole
16. Duo chrome test
17. Streak retinoscope

One-word answer

(5x1=5)

18. Corneal thickness measured by _____
19. Axial length is measured by _____
20. Patency of NLD is tested by _____
21. Cornea is stained by _____
22. Magnification of direct ophthalmoscope is _____