

Clinical Examination of Visual Systems & Instruments

Time : 3 hrs

Max marks : 80

- **Answer all questions**
- **Draw diagram wherever necessary**

Essays

(2x15=30)

1. Describe different techniques of visual field charting
2. Enumerate the principles of objective autorefractometers. List the advantages and disadvantages of autorefractometry.

Short notes

(5x5=25)

3. How will you take history in a patient presented with defective vision
4. Examination of lacrimal system.
5. Methods colour vision testing.
6. Synoptophore.
7. Muscle balance tests .

Answer briefly

(10x2 = 20)

8. Maddox rod
9. Prism bar
10. Phoropter
11. Astigmatic fan
12. Hirschberg's test
13. Structures in the angle of anterior chamber
14. Non-contact tonometers.
15. Dynamic retinoscopy
16. Placido's disc
17. Bagolini Striated glass

One word answer

(5x1 = 5)

18. Normal intraocular pressure
19. Name one indirect gonioscope.
20. One device used for measuring retinal nerve fiber loss.
21. Instrument used for measuring central corneal thickness.
22. Two disadvantages of direct ophthalmoscopy
