

**Third Year B.Sc Optometry Degree Regular/Supplementary Examinations
November 2024**

**Binocular Vision and Squint
(2016 Scheme)**

Time: 2 hrs

Max marks: 40

- 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

Essay (10)

1. Write in detail the investigations and treatment plan for a 5 year old child presenting with esotropia (5+5)

Short notes (3x5=15)

2. Explain the anatomy and physiology of action of superior oblique muscle. Add a note on Brown's superior oblique sheath syndrome
3. Explain the various methods of measuring convergence
4. What are the clinical characteristics of amblyopia

Answer briefly (5x2=10)

5. Clinical criteria to diagnose A-V pattern squint
6. Diagnostic use of prism in strabismus
7. Anomalous head posture
8. Force Duction Test
9. Methods of measurement amplitude of accommodation

One word answer (5x1= 5)

10. Two muscles moving an eye in the opposite direction are called -----
11. Paralysis of lateral rectus muscle causes ----- diplopia
12. The advantage of TNO test over Titmus stereo test for measurement of stereopsis is -----
13. In Bagolini striated glass test, if the patient sees a perfect cross in presence of manifest squint, it indicates -----
14. The first line in the management of suppression is -----