

Third Year B.Sc Optometry Degree Supplementary Examinations
April 2025

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 about the clinical features of amblyopia. Add a note on the management plan of a 7-year-old patient with amblyopia. (4+6)

Short notes (3x5=15)

2. Explain the fundamental laws governing ocular motility and their clinical importance.
3. Explain physiologic diplopia and panum's area with diagram.
4. Write short notes on anomalies of accommodation

Answer briefly (5x2=10)

5. Method of measurement of Near point of convergence
6. Duane's retraction syndrome
7. Grades of binocular vision
8. Forced duction test
9. Anomalous head posture

One word answer (5x1= 5)

10. The secondary action of superior oblique muscle is -----
11. Two muscles moving an eye in the same direction are called -----
12. Visual angle is angle subtended at the ----- of eye
13. The advantage of Lang test over other test for measurement of stereopsis is -----
14. The formula used for measurement in Gradient method for assessment of AC/A ratio is -----