

Third Year B.Sc Optometry Degree Supplementary Examinations
April 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 clinical tests performed in exotropia. Add a note on treatment plan for a 16-year-old patient with exotropia (6+4)

Short notes (3x5=15)

2. Explain in detail about prism bar cover test and its clinical relevance in assessment of squint
3. Write in detail about convergence insufficiency
4. Describe the clinical applications, procedure and interpretation of Maddox rod test

Answer briefly (5x2=10)

5. What are yoke muscles. Name the yoke muscles involved in dextroversion
6. Physiological diplopia
7. Define stereopsis
8. Diagnostic test for suppression
9. Park 3 Step test

One word answer (5x1= 5)

10. The formula used for measurement in Heterophoria method for assessment of AC/A ratio is -----
11. In Worth Four Dot test, if the patient sees all four dots in presence of manifest squint, it indicates -----
12. Accommodative esotropia with high AC/A ratio is treated with -----
13. Red filter ladder is used for measuring -----
14. The tertiary action of inferior oblique muscle is -----