

**Q.P.Code 303013**

**Reg. No.:.....**

Third Year B.Sc Optometry Degree Supplementary Examinations  
February 2017

**Binocular Vision and Squint**

**Time : 3 hrs**

**Max marks : 100**

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

**Essays**

**(2x20=40)**

1. Details about neural aspects of binocular single vision and its advantages.  
Discuss in detail about anomalies of binocular single vision  
(10 +10)
2. Define strabismus, classification and etiological factors. Explain in detail about objective and subjective evaluation of a patient with concomitant squint.  
(10 + 10)

**Short notes**

**(5x5=25)**

3. Differentiate between diplopia and confusion.
4. Features of complete third nerve paralysis
5. Non-surgical management of strabismus.
6. AC/A ratio and its significance.
7. Hess chart and its clinical significance.

**Answer briefly**

**(10x3=30)**

8. Double elevator palsy
9. Fick's axes
10. Abnormal head posture and its significance.
11. Nystagmus
12. RAF ruler.
13. Corresponding points
14. Maddox rod
15. Spatial sense.
16. Uses of prisms
17. Sherrington's law and its significance.

**One word answer**

**(5x1= 5)**

18. Cross fixation pattern is seen in \_\_\_\_\_ esotropia.
19. Forced duction test is positive in \_\_\_\_\_ squint.
20. Antagonistic muscle of right lateral rectus muscle is \_\_\_\_\_.
21. Diploscope is used to treat \_\_\_\_\_.
22. Cranial nerve supplying superior oblique muscle is \_\_\_\_\_.

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