

**Q.P.Code 303013**

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

**Third Year B.Sc Optometry Degree Supplementary Examinations  
September 2018**

**Binocular Vision and Squint**

**(2010 scheme)**

**Time: 3 hrs**

**Max marks: 100**

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

**Essays**

**(2x20=40)**

1. Explain anomalous retinal correspondence in detail.
2. Explain the innervational and mechanical restrictive causes of strabismus citing examples. Explain the Parks three step for vertical deviation.

**Short notes**

**(5x5=25)**

3. Panum's fusional area
4. Horopter
5. Worth four dot test
6. Sturm's conoid
7. Nystagmus

**Answer briefly**

**(10x3=30)**

8. Grades in binocular vision
9. Latent vs manifest strabismus
10. Flippers
11. Pseudostrabismus
12. Uses of prisms
13. Define cyclovertical deviation
14. What is AV pattern
15. What is vision therapy
16. Define monocular cues
17. Cover uncover test

**One word answer**

**(5x1= 5)**

18. Esotropia with a V pattern increases in..... gaze.
19. LANG is a ..... chart.
20. .... is an instrument that presents two separate views to the two eyes.
21. Humans have ..... vision.
22. .... is used to detect depth perception.