

Q.P. Code: 324013

Reg. No.:.....

**Third Year B.Sc Optometry Degree Regular/Supplementary Examinations  
January 2022**

**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. Discuss the clinical characteristics and management of Duane's retraction syndrome

**Short notes** (3x5=15)

2. Primary, secondary and tertiary actions of extraocular muscles
3. Horopter and its types
4. Clinical characteristics of paralytic strabismus

**Answer briefly** (5x2=10)

5. Binocular rivalry
6. Hering's law
7. Blind spot syndrome
8. Distinguish between comitant and restrictive squint
9. Types of convergence

**One word answer** (5x1= 5)

10. ----- is the hallmark of retinal disparity
11. In anomalous retinal correspondence the subjective angle is ----- the objective angle
12. ----- is an active cortical inhibition to avoid binocular diplopia
13. Random dot test is used to quantify -----
14. The abducens nerve innervates the ----- muscle

\*\*\*\*\*