

**Third Year B.Sc Optometry Degree Supplementary Examinations
April 2019**

Squint and Orthoptics

(2014 Scheme)

Time: 2 hrs

Max marks: 40

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

Essay

(10)

1. Describe in detail about the classification, etiology and management of amblyopia based on the PEDIG study

Short notes

(3x5=15)

2. Mechanism of binocular single vision
3. Classification of nystagmus
4. Accommodative insufficiency

Answer briefly

(5x2=10)

5. Explain about any test for stereopsis
6. Worth's classification of grades of binocular vision
7. List any four sensory and motor obstacles for binocular single vision
8. Retinal rivalry
9. Find out the paralytic muscle using park's 3 step in the following scenario:-
step 1: Hyperopia is greater in right eye in primary gaze,
step 2: Hyperopia increase in left gaze
step 3: Hyperopia increases in right head tilt

One word answer

(5x1= 5)

10. _____ is prescribed as a relieving prism in exotropia
11. Magnocellular pathway is responsible to _____
12. _____ quantitative orthoptic test is used to assess fusional vergence
13. Base out prism is given to type of squint
14. High AC/A ration cause _____ strabismus
