

SECOND YEAR M. OPTOM. : SUMMER - 2019
SUBJECT : CLINICAL MANAGEMENT IN ORHTOPTICS

Day : **Saturday**
Date : **20/04/2019**

S-2019-4022

Time : **09.30 A.M. TO 11.30 A.M.**
Max. Marks : **50**

N.B.:

- 1) Answers to both the sections should be written in the **SEPARATE** answer books.
- 2) Section A is of objective questions for total **20** marks.
- 3) Section B is of short questions for total **30** marks.

SECTION – A

Q.1 A) Fill in the blanks: **[10]**

- 1) 4Δ prism base out test is done to diagnose _____.
- 2) Normal AC/A ratio is _____.
- 3) Aniseikonia is defined as _____.
- 4) For neutralizing the deviation the rule is _____.
- 5) Anisometropia is defined as _____.
- 6) Bar reader is based on _____ principle.
- 7) Maddox wing is used for diagnosis of _____.
- 8) Anisophoria is defined as _____.
- 9) Chin raised, face turn to left and head tilt to left is found in _____ palsy.
- 10) Saccade is defined as _____.

B) State true or false: **[10]**

- 1) V- Pattern deviation is found in inferior oblique overaction.
- 2) In harmonious ARC; subjective angle of deviation is equal to angle of anamoly.
- 3) In paralytic squint, primary deviation is more than secondary deviation.
- 4) In sensory exotropia, angle of deviation is best measured with prism bar cover test.
- 5) There will be marked underaction of medial rectus in IDS.
- 6) Divergent squint causes uncrossed diplopia.
- 7) In congenital esotropia, BSV is fully restored if treated early.
- 8) Early surgery is required in paralytic squint.
- 9) Phenylephrine can be used as cycloplegic agent.
- 10) Double Maddox rod test is used for diagnosis of 6th N palsy .

P.T.O.

SECTION – B

Q.2 Answer **ANY SIX** of the following: **[30]**

- a) Define amblyopia. Enumerate various types of amblyopia and its management.
- b) Define AC/A ratio. Write in brief various methods to calculate AC/A ratio. Write clinical significance of AC/A ratio.
- c) How will you classify squint? Write in brief differences between concomitant and paralytic squint.
- d) What are the diagnostic and therapeutic uses of synoptophore in clinical orthoptics?
- e) Write in brief about vision therapy eye exercises and latest developments and techniques in vision therapy.
- f) Write in brief about cover test and its significance in squint evaluation.
- g) How will you do diplopia testing? Write in brief about method of diplopia charting and its clinical uses?
- h) Enumerate various uses of prisms in orthoptics (diagnostic and therapeutic).

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