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MASTER OF OPTOMETRY
S. Y. M. Optom. : 'SUMMER – 2022
SUBJECT : CLINICAL MANAGEMENT IN ORTHOPTICS

Day : Tuesday

Time : 10:00 AM-12:00 PM

Date : 22-11-2022

S-808-2022

Max. Marks : 50

N.B.:

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

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

- i) Microtropia can be detected by _____.
- ii) Muscle _____ procedures include recession.
- iii) _____ is a rare congenital disorder in which both 6th and 7th nerves are bilaterally affected giving rise to a typically 'expressionless' face.
- iv) _____ is a special type of hypertropia leading to slow upward drift of one or rarely both eyes, usually when the patient is inattentive.
- v) In _____ condition the measurement of single letter acuity differs from linear acuity.
- vi) Secondary deviation of the eye is based on _____ law.
- vii) In Caloric test left jerk nystagmus occurs when _____.
- viii) The most common Vitamin deficiency leading to nutritional amblyopia is _____.
- ix) Negative angle kappa results into _____.
- x) _____ results from surgical over correction of exotropia.

Q.2 State True or False. If False give reasons: **[10]**

- i) Brown's syndrome stimulates paresis of inferior oblique muscle.
- ii) In 'V' exotropia amount of deviation decreases in upward gaze and increases in down gaze.
- iii) In typical Duane's syndrome, there is narrowing of the palpebral fissure on abduction.
- iv) Strabismic amblyopia is more common in patients with constant squint.
- v) Chin raised, face turn to right and head tilt to right is found in left superior rectus muscle.
- vi) Broad H test is performed to see the fixation.
- vii) Pursuits are slow following movements of eye.
- viii) Krimsky test is done to measure amount of deviation.
- ix) Fixation disparity is a slight vergence error when bifixating and sensorially fusing a binocular contour.
- x) Chaistic exercises are given to train amblyopia.

P.T.O.

SECTION – B

Q.3 Answer **ANY SIX** of the following: **[30]**

- i)** What are the latest trends available in computerized vision therapy programme to train convergenc insufficiency?
- ii)** What is AC/A ratio? A patient exhibits 10PD exophoria for distance and 20 PD exophoria for near at a distance of 33 cm with IPD of 66mm. Calculate AC/A ratio for this patient.
- iii)** Write all the clinical findings in a patient of 24 years with left eye superior oblique palsy of recent origin.
- iv)** Write the uses of amblyoscope in orthoptic clinic.
- v)** What is dissociation? What are the different method to dissociate the eyes?
- vi)** The mother of 8 year old boy complains that her son's right eye turns out at the end of day and when he is tired and looking far off. Visual acuity reveals B.E. 6/6 and N6. Cover test shows fluctuating reading. NPC and PFV are also having poor values. Discuss the management plan for this patient.
- vii)** How do you confirm the eccentric fixation and measure angle of deviation?

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