

III-B Optom - Sem-VI - SUMMER-2022

SUBJECT: ADVANCED ORTHOPTICS

S - 852-2022

Note: Section- A is given on a **SEPARATE** sheet and has to be answered on the same sheet. This should be completed with in the first **30 minutes** of starting of the examination. This sheet with Section A only will be collected by the Supervisor.

Tuesday

Seat No: _____

Date: 12-07-2022

SECTION- A

Q.1 A) Fill in the blanks: (10)

- 1) When the angle of squint varies in all the fields of gaze the squint is said to be _____.
- 2) The condition where there is significant difference in amount latent deviation when fixation is changed is called _____.
- 3) The symptom of 'panoramic vision' is found in _____.
- 4) The direction of gaze in which binocular single vision is possible in case of Inferior Rectus palsy of left eye is _____.
- 5) Krimsky test is used to _____.
- 6) A patient exhibits 20 Δ D exophoria for distance and 5 Δ D exophoria for near is described as having _____.
- 7) Bifocals are used in the treatment of _____.
- 8) In DRS type I narrowing of palpebral aperture is seen on _____.
- 9) Forced duction test is done in _____.
- 10) Large positive angle kappa gives rise to false appearance of _____.

Q.2 Match the following: (10)

- | | |
|--|---|
| 1) Prominent Epicanthal fold | i) Maintains BSV at dextrodepression gaze |
| 2) Use of miotics | ii) Pseudoesdeviation |
| 3) Cover Uncover test | iii) Measurement of AC/A ratio |
| 4) Heterophoria Method | iv) Accommodative facility |
| 5) Paresis of left eye superior rectus palsy | v) Brock string |
| 6) Hess chart | vi) Accommodative esotropia |
| 7) Flippers | vii) Measurement of A and V pattern |
| 8) Physiological Diplopia | viii) Space dissociation |
| 9) Cephalodeviometer | ix) Differentiates phoria and tropia |
| 10) Synaptophore | x) Paralytic muscle evaluation |

Signature of the Invigilator

Total Marks Obtained: _____

Signature of the Examiner

BACHELOR OF CLINICAL OPTOMETRY
III-B. Optometry Sem-VI :SUMMER- 2022
SUBJECT : ADVANCED ORTHOPTICS

Day : Tuesday
Date : 12/7/2022

S-852-2022

Time : 02:00 PM-05:00 PM
Max. Marks : 70

N.B:

- 1) There are **THREE** Section as:
Section A = Objectives type questions = 20 marks
Sections B = Long questions = 20 marks
Sections C = Short questions = 30 marks
- 2) Section A is given on a separate and has to be answered on the same sheet. This sheet should be completed with in the first 30 minutes of starting of the examination. This sheet with Section A only will be collected by the Supervisor.
- 3) Section B has 3 long questions an any **TWO** questions have to be answered on the separate answer sheet.
- 4) Section C has short questions and any five questions have to be answered on the separate answer sheet.
- 5) Draw neat labeled diagrams **WHEREVER** necessary.

SECTION- B

Attempt **ANY TWO** of the following: **(20)**

- Q.1** Write a note on classification of squint.
- Q.2** Write the clinical findings on Diplopia charting, head posture and cover test of a patient of 24 year old with Right Eye Inferior oblique palsy with Recent Origin.
- Q.3** A 6 year old child comes to your clinic. Parents are complaining of Inward tendency of both eyes since one year. Examination reveals:
- a) OU: + 3.00 DS 6/6 N6
 - b) PBCT:
 - i) Distance before Refraction – 25 Δ D and after Refraction – 4 Δ D
 - ii) Near: before Refraction - 40 Δ D and after Refraction – 25 Δ D
 - c) AC/A ratio: 7: 1
 - d) Other ocular examination show normal findings. What will be the probable diagnosis from the above findings and its management?

SECTION-C

Attempt **ANY FIVE** of the following: **(30)**

- Q.1** Explain the following:
i) Anisophoria ii) Over corrective prism
iii) Comitant Squint
- Q.2** Write a note on investigations of Intermittent Divergent Squint.
- Q.3** Write a note on AC/A ratio measurement and its significance.
- Q.4** Write a note on Hess Screen, interpretation and its uses.
- Q.5** Note on Duane's Retraction Syndrome.
- Q.6** Write a note on Maddox Rod? Write a procedure of Double Maddox Rod and in which condition it is performed?