

III-B.OPTOM-SEM-VI-WINTER-2017

SUBJECT : ADVANCED ORTHOPTICS

Note : Section – A is given on a separate sheet and has to be answered on the same sheet. This sheet should be completed within the first 30 minutes of starting of the examinations. This sheet with Section – A only will be collected by Supervisor.

Seat No.: _____

W-2017-3483

Day: Tuesday

Date: 28-11-2017

SECTION – A

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

- 1) Head posture in case of Right inferior Rectus is _____, _____ and _____.
- 2) The average refractive error in children with refractive accommodative esotropia is _____.
- 3) Over corrective prisms means _____.
- 4) Mobius syndrome is due to paralysis of _____ and _____ cranial nerve.
- 5) _____ Nerve palsy is the most common causes of acquired vertical diplopia.
- 6) Inferior oblique overreaction leads to _____ phenomenon.
- 7) Left eye Double elevator palsy will have _____ and _____ muscle palsy.
- 8) The exodeviation is more for distance than near is called _____.
- 9) Deviation occurring in certain circumstances is called _____.
- 10) Vergence flippers is used to test the _____.

Q. 2 Match the Column: **(10)**

- | | |
|-------------------------------|---|
| 1) Double Maddox Rod Test | a) Base out |
| 2) Uncorrected high hyperopia | b) Intermittent Exotropia |
| 3) Four prism base out test | c) Microtropia |
| 4) Epicanthus folds | d) Accommodative esotropia |
| 5) Blepharitis | e) Pseudostrabismus |
| 6) Reduced stereo acuity | f) Cyclovertical deviation |
| 7) V Pattern | g) Down Syndrome |
| 8) Positive fusional vergence | h) Maddox Thorington Test |
| 9) Convergence Excess | i) Bifocal lens executive |
| 10) MTT | j) Minimum difference in up and down gaze 15 PD |

Signature of the Invigilator: _____

Signature of the Examiner : _____

Total Marks Obtained :

III -B.OPTOM. SEM - VI : WINTER - 2017

SUBJECT : ADVANCED ORTHOPTICS

Day : **Tuesday**
Date : **28/11/2017**

Time : **02.00 PM TO 05.00 PM**
Max. Marks : 70

W-2017-3483

N. B. :

- 1) There are **THREE** sections as:
Section – A = Objective types questions = 20 marks
Section – B = Long questions = 20 marks
Section – C = Short questions = 30 marks
- 2) **Section – A** is given on a **SEPARATE** sheet and has to be answered on the same.
- 3) **Section – B** has Long questions and **ANY TWO** questions have to be answered on the **SEPARATE** answer sheets.
- 4) **Section – C** has Short questions and **ANY FIVE** questions have to be answered on the **SEPARATE** answer sheets.
- 5) Draw neat diagram **WHEREVER necessary**.

SECTION – B

Q. 2 Answer **ANY TWO** of the following: **(20)**

- 1) Write a note on Prism therapy and its application?
- 2) A 6 year old girl comes to your clinic accompanying her mother. Mother complains of LE squinting occasionally since past 4 years post fever and convulsion attack. The rest birth history was normal. On examination patient had refractive error of + 6.00 D and the amount of squint was reduced with +6.00D glasses but was still present and was constant for distance and near. What would be your differential diagnosis and what tests would you perform to rule out the other conditions, to achieve to the final diagnosis? Write a short detail about each of your differential diagnosis?
- 3) Write a long note on classification of squint?

SECTION – C

Q. 3 Answer **ANY FIVE** of the following: **(30)**

- 1) Write a note on Hess screen, interpretation and its uses.
- 2) Draw a Diplopia charting of patient with right eye superior oblique palsy. Explain about the test procedure and interpretation for the same patient.
- 3) Write a note on AC/A Ratio.
- 4) Write a note on treatment of Intermittent divergent squint.
- 5) Write a note on Duane Retraction Syndrome.
- 6) Write a note on cycloplegics and its uses in cases of orthoptics.

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