

III- B-OPTOM. SEM – VI : Winter - 2022

SUBJECT: ADVANCED ORTHOPTICS

Day: Friday

Date: 9-12-2022 W-852.-2022

Time: 10-00 A.M. To

Max. Marks : 20 1.00 P.M

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: \_\_\_\_\_

**SECTION – A**

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

- 1) \_\_\_\_\_ prisms are used to give abduction exercise.
- 2) \_\_\_\_\_ is the contralateral synergist for left superior oblique muscle.
- 3) Presence of large positive angle alpha may cause apparent squint of \_\_\_\_\_ type.
- 4) In case of left inferior oblique palsy patient will experience diplopia with \_\_\_\_\_ image.
- 5) Positive forced duction test indicates \_\_\_\_\_
- 6) In types II DRS paradoxical innervation goes to \_\_\_\_\_
- 7) Patients with convergence insufficiency will have \_\_\_\_\_ AC/A Ratio.
- 8) In Hirschberg test each 1 mm of de centration of corneal reflection corresponds to \_\_\_\_\_ degree of deviation.
- 9) Brown's syndrome simulates paresis of \_\_\_\_\_ muscle.
- 10) \_\_\_\_\_ prism is used for treatment of hemianopia.

**P.T.O.**

**Q.2** State **TRUE** or **FALSE**

**(10)**

- 1) Uncrossed diplopia is seen in exotropia.
- 2) Cyclodeviation can be measured with Maddox rod.
- 3) Normal AC/A Ratio is 0.4:1.
- 4) Minimum expected amplitude of accommodation for a 40 year old person is 2.50 D.
- 5) Non accommodative esotropia is best treated with bifocals.
- 6) Synoptophore is calibrated for near.
- 7) The symptom of panoramic vision is found in DVD.
- 8) In case of left superior oblique palsy face turn will be towards left side.
- 9) DVD is also known as anisophoria.
- 10) Strabismus fixus is due to bilateral palsy of 6<sup>th</sup> and 7<sup>th</sup> nerve.

Signature of the Invigilator : \_\_\_\_\_

Signature of the Examiner: \_\_\_\_\_

Total Marks obtained : \_\_\_\_\_

III- B-OPTOM. SEM – VI : Winter 2022

SUBJECT: ADVANCED ORTHOPTICS

Day: Friday  
Date: 09.12.2022 W 852-2022

Time: 10.00 AM To 1.00 P.M.  
Max. Marks : 50

N. B.

- 1) There are **THREE** section as  
Section A objective types question **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 sheet. This sheet should be completed with 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 and any **TWO** questions have to be answered on the separate answer sheet.
- 4) Section C has **6** short question and any **FIVE** questions have to be answered on the separate answer sheet.
- 5) Draw neat labeled diagrams **WHEREVER** necessary.

SECTION – B

- Q. 3** Answer any **TWO** of the following: **(20)**
- 1) Write the clinical findings for Right Inferior oblique muscle palsy of recent origin.
  - 2) Write about classification and management of accommodative esotropia in detail.
  - 3) Write a note on prism therapy.

SECTION – C

- Q. 4** Attempt any **FIVE** of the following: **(30)**
- 1) Identify the affected muscle in case of left hypertropia increasing in dextro version and head tilt to left side.
  - 2) Write a note on DVD.
  - 3) Explain the features and classification of DRS in detail.
  - 4) Write about classification and management of primary divergent squint.
  - 5) What are the methods to measure angle of deviation objectively
  - 6) Differentiate ordinary torticollis from ocular torticollis.

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