

II-B. OPTOM. SEM - III: Summer-2022
SUBJECT: EYE CHECKUP & INSTRUMENTS

Day: Saturday
Date: 9-7-2022

Time: —
Max. Marks: 20

S-838-2022

N.B.:

Section - A is given on **SEPARATE** sheet and has to be answered on **SAME** sheet. This sheet should be completed within in **first 30** minutes of starting of the examination. This sheet with **Section -A** only will be collected by supervisor.

SECTION-A

Seat No. _____

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

- 1) Ishihara test is used for _____ .
- 2) While test a + 1.00D hyperope with plane mirror retinoscope from 1 meter, _____ movement will be seen.
- 3) Practitioner is getting no movement at distance of 1 meter While doing retinoscopy with planer mirror, if he bent forward, will he get _____ movement.
- 4) With _____ we can estimate corneal astigmatism.
- 5) _____ is the other name for lensometer.
- 6) Endothelial cell count can be calculated with the help of _____.
- 7) _____ chart used as standard to measure the visual acuity.
- 8) To measure visual acuity in preschool children _____ chart is used.
- 9) Indirect ophthalmoscopy gives _____ image.
- 10) _____ is till date considered as gold standard in tonometry.

Q.2 State **TRUE** or **FALSE**. **(10)**

- 1) Goldmann and Zeiss gonioscope are the accessories of perimetry.
- 2) The principle of Schiotz tonometer is applanation.
- 3) Keratometry is based on 2nd Purkinje.
- 4) Kinetic Perimetry can be performed with lister's perimeter, tangent screen etc.
- 5) Biomicroscopic examination of the fundus is performed with the help of (-58.6D) lens.
- 6) OKN is used for visual acuity test in paediatric age group.
- 7) Keratometer measures central 7mm of corneal curvature.
- 8) Indirect ophthalmoscopy is performed as close to the patient as possible.
- 9) Retinoscopy is based on principle of to make eye hypermetropic by placing strong converging lens.
- 10) Diffuse illumination of slit lamp technique is used for examination of CL fitting.

Total Marks Obtained: _____

Signature of Invigilator: _____

Signature of Examiner: _____

BACHELOR OF CLINICAL OPTOMETRY
II-B. Optometry Sem-III :SUMMER- 2022
SUBJECT : EYE CHECKUP & INSTRUMENTS

Day : Saturday
Date : 9/7/2022

S-838-2022

Time : 10:00 AM-01:00 PM
Max. Marks : 70

N.B.:

- 1) There are Three Sections as
Section -A = Objectives type questions = 20 marks.
Section -B = Long questions. = 20 marks.
Section - C = Short questions. = 30 marks.
- 2) **Section -A** is given on Separate sheet and has to be answered on **SAME** sheet. This sheet should be completed within the **first 30** minutes of starting of the examination. This sheet with Section- A only will be collected by Supervisor.
- 3) Section -B has 3 long questions and **Any TWO** questions have to be answered on **SEPARATE** answer sheet.
- 4) Section -C has 6 short questions and **Any FIVE** questions have to be answered on **SEPARATE** answer sheet.
- 5) Draw neat labeled diagrams **WHEREVER** necessary.

SECTION-B

Q.1 Attempt **Any TWO** of the following: **(20)**

- a) Write about various slit lamp illumination techniques along with the structures seen by them.
- b) Explain all accessories of trial box in detail.
- c) What is Keratometer? Explain its optics, procedure and uses.

SECTION-C

Q.2 Attempt **Any FIVE** of the following: **(30)**

- a) Write a note on trial frame with diagram.
- b) Write optics, principle and used of retinoscope.
- c) Write a short note on direct ophthalmoscope.
- d) Write a short note on applanatim tonometer.
- e) Write a note on pterygium.
- f) Write a note on Surgical correction of ptosis.

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