

II - B . Optom . sem - III . Winter - 2017
SUBJECT : EYE CHECKUP & INSTRUMENTS

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 examination. This sheet with **Section A** only will be collected by the Supervisor.

W. 2017 - 3475

Seat No. _____

Day : Wednesday

Date : 29-11-2017

SECTION - A

Q.1 Fill in the blanks: [20]

- i) Prism used in B and L keratometer are _____.
- ii) Magnification provided by direct ophthalmoscope is _____.
- iii) Normal A:V ratio is _____.
- iv) Ishihara color vision test chart consists of _____ types of plates.
- v) Example of a kinetic perimetry is _____.
- vi) Synergist muscle are from _____ eye and yolk muscles are from _____ eye.
- vii) Principle behind GAT is _____.
- viii) Sclerotic scatter illumination techniques is based on _____.
- ix) Poro prism is used for _____.
- x) Apostilb is the unit of _____.
- xi) In log-MAR visual acuity chart one letter is _____ log unit.
- xii) _____ is the technique used for refining cylindrical axis during retinoscopy.
- xiii) Pin-hole is based on the principle of _____.
- xiv) Absence of iris is known as _____.
- xv) Exophthalmos is measured with _____.
- xvi) Keratoplasty is defined as _____.
- xvii) Causative organism of trachma is _____.
- xviii) Mechanical ptosis is caused due _____.
- xix) _____ is a physical condition that causes a person to produce tears that are partially composed of blood.
- xx) Motion blind is known as _____.

Total Marks Obtained : _____

Signature of Invigilator _____

Signature of the Examiner: _____

II – B. OPTOM. SEM– III : WINTER - 2017
SUBJECT : EYE CHECKUP & INSTRUMENTS

Day : **Wednesday**
Date : **29/11/2017**

Time : **10.00 AM TO 01.00 PM**
Max. Marks : 70

W-2017-3475

N.B.:

- 1) There are **THREE** sections as –
Section A = Objectives 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 sheet. This sheet should be completed within the first 30 minutes of starting of the examination. This sheet will 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 short questions and **ANY FIVE** questions have to be answered on the **SEPARATE** answer sheet.
- 5) draw neat and labeled diagram **WHEREVER** necessary.

SECTION – B

- Q.2** Answer **ANY TWO** of the following: **[20]**
- a) Discuss the various types of slit lamp illumination technique. How will you examine the anterior chamber depth by slit lamp?
 - b) Describe the Lacrimal system anatomy. Explain in detail about congenital Nasolacrimal Duct obstruction.
 - c) Define uveitis. Discuss etiology, classification, pathogenesis and management.

SECTION – C

- Q.3** Write short notes on **ANY FIVE** of the following: **[30]**
- a) Axial topographic Map vs Tangential topographic map
 - b) Discuss limitations of Keratometry and extended Keratometry.
 - c) Macular function tests
 - d) Tear function tests
 - e) Lacrimal function test
 - f) Pterygium

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