

II - B. Optom. Sem-III : Winter-2018

SUBJECT: EYE CHECKUP AND 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.

Seat No: _____

W-2018-3725

Wednesday
28-11-2018

SECTION – A

Q.1 Fill in the blanks: (10)

- 1) Ishihara chart is used to detect _____ type of colour vision defects.
- 2) Cone cells are maximum at _____.
- 3) Inward displacement of eyeball is called _____.
- 4) Principal of specular reflection is _____.
- 5) Emsley-Fincham test is done with _____.
- 6) Aqueous flare is best seen by _____.
- 7) Fundus retro type of illumination is used to check opacities in _____.
- 8) Holmgren's wool test is used to check _____.
- 9) Lensometer is based on _____ principle.
- 10) Star / Grid aperture found in direct ophthalmoscope is used to check _____.

Q.2 State True or False. (05)

- 1) Pinhole is used to detect astigmatism
- 2) Phoropter is used to check fundus
- 3) Log MAR visual acuity chart is superior than Snellen's chart in terms of accuracy
- 4) JCC is also used to measure amplitude of accommodation
- 5) Conical beam is useful in detecting cells & flare in AC

Q.3 Match the following (05)

- | | |
|--------------------------|------------------------------|
| a) Corneal topography | i) Bruckner test |
| b) Optic section | ii) Lipid Layer of tear film |
| c) Specular reflection | iii) Contact lens fitting |
| d) Direct Ophthalmoscope | iv) Tear quantity |
| e) Schirmer strip | v) Corneal layer examination |

Marks Obtained: _____

Signature of Invigilator _____

Signature of Examiner _____

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II – B. OPTOM. SEM– III : WINTER - 2018
SUBJECT: EYE CHECKUP AND INSTRUMENTS

Day: Wednesday
Date: 28/11/2018

W-2018-3725

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

N.B.:

- 1) There are **THREE** sections as:
Section - **A** = Objective type 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 with **Section A** only will be collected by the Supervisor.
 - 3) Section – **B** has **THREE** long questions and **ANY TWO** questions have to be answered on the **SEPARATE** answer sheet.
 - 4) Section - **C** has short questions **ANY FIVE** questions have to be answered on the **SEPARATE** answer sheet.
 - 5) Draw neat-labeled diagram wherever necessary.
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SECTION - B

Answer in detail **ANY TWO** of the following: **(20)**

- a) Write about various slit lamp illumination techniques in detail
- b) Write about various parts of direct ophthalmoscope & uses of filters used in direct ophthalmoscope
- c) Explain principle of keratometer. Write step by step procedure of keratometry.

SECTION – C

Write short notes (**ANY FIVE**) **(30)**

- a) Stenopaic slit
- b) Applanation tonometer
- c) Schirmer Test
- d) Log MAR chart
- e) Lensometer
- f) Retinoscope

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