

II - B. Optom - Sem. IV : Wintex - 2017
SUBJECT : EYE INVESTIGATIONS & DISEASE

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. 2017 - 3478

Day : Wednesday
Date : 29-11-2017

SECTION - A

Q.1 Fill in the blanks: **[20]**

- i) Electro oculogram (EOG) examines the function of _____.
- ii) PCO is defined as _____.
- iii) _____ type of cataract is seen diabetic patients.
- iv) Papilloedema is _____.
- v) Cherry red spot is seen in _____ eye disease.
- vi) Corneal nerves and ghost vessels are best examined by _____.
- vii) A full stereopsis is obtained with _____ while doing indirect ophthalmoscopy.
- viii) CSME is defined as _____.
- ix) _____ illumination is used to examine the presence of aqueous flare.
- x) BAT is used for _____.
- xi) Endothelial cells of cornea are best seen with _____ type of illumination techniques.
- xii) _____ type of image is formed by 20D lenses.
- xiii) _____ instruments are used to assess visual field.
- xiv) Stelwag's sign is seen in _____.
- xv) Proptosis is measured with _____.
- xvi) Salu's sign is seen in _____ eye disease.
- xvii) For every _____ increase in corneal curvature, IOP raises about 1mm of Hg.
- xviii) The resultant image in indirect ophthalmoscope is _____ and located between _____ and _____.
- xix) We subtract _____ from reading taken while doing extended Keratometry with -1.00D trial lens.
- xx) Pulfrich's phenomenon is seen _____ eye disease.

Total Marks Obtained : _____

Signature of Invigilator _____

Signature of the Examiner: _____

II -B.OPTOM. SEM – IV : WINTER - 2017
SUBJECT : EYE INVESTIGATIONS & DISEASE

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

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

W-2017-3478

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) What are the indications of FFA, write its stages and interpretation in three retinal vascular disorder.
 - b) Describe etiopathogenesis and clinical features of Rhegmatogenous retinal detachment.
 - c) Write in detail about different methods used for corneal examination.

SECTION – C

- Q.3** Write short notes on **ANY FIVE** of the following: **[30]**
- a) Retinitis pigmentosa
 - b) CSR
 - c) Congenital anomalies of optic disc
 - d) Principle and application of ERG
 - e) Contrast sensitivity charts
 - f) Indications for vitrectomy
 - g) Ultrasonography in ophthalmology

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