

II-B Optom-sem-IV : SUMMER-2018
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. _____

5-2018-3568

Day : Wednesday

Date : 02-05-2018

SECTION - A

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

- i) The speed of ultra sound in 1,000 m/sec Silicon oil _____.
- ii) In _____ stage of FFA, Laminar flow is seen.
- iii) Best Macular dystrophy is best diagnosed by _____.
- iv) The junction of the nasal bones to the frontal bone at the top of the nose is known as _____.
- v) SITA stands for _____.
- vi) Contrast sensitivity is reciprocal of _____.
- vii) Whatman filter paper 41 is used in _____ test.
- viii) Window defect is seen in _____ atrophy.
- ix) Basic principle of gonioscopy is eliminating _____.
- x) Normal pH of tear film is _____.
- xi) The earliest detectable lesion in the non-proliferative diabetic retinopathy is _____.
- xii) The _____ % blindness in India is due to refractive error.
- xiii) VEGF stands for _____.
- xiv) Retinitis pigmentosa is defined as _____.
- xv) Vitreous liquefaction is also known as _____.
- xvi) Phtopsia is seen in retinal disease _____.
- xvii) The most toxic intraocular foreign body is _____.
- xviii) Leucokoria is commonly seen _____, _____ and _____ disease.
- xix) Traumatic mydriasis is known as _____.
- xx) ARMD is also known as _____.

Total Marks Obtained : _____

Signature of Invigilator _____

Signature of the Examiner: _____

II -B.OPTOM. SEM – IV : SUMMER - 2018
SUBJECT : EYE INVESTIGATIONS & DISEASE

Day : **Wednesday**
Date : **02/05/2018**

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

S-2018-3568

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.
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SECTION – B

Q.2 Answer **ANY TWO** of the following: **[20]**

- a) A 60 years patient with gradual painless and progressive loss of vision is come to your clinic. He further reported that he has glare problem and hazy vision. He has no systemic illness. Write down your diagnosis, preoperative evaluation before surgery in the diagnosed disease. What are the various mode of management in this case?
- b) Discuss the procedure of FFA with probable risk factors. Write down the interpretation of FFA findings.
- c) What is retinitis pigmentosa? Write in details about clinical feature, diagnostic interpretations and ocular association of retinitis pigmentosa.

SECTION – C

Q.3 Answer **ANY FIVE** of the following: **[30]**

- a) ERG
- b) USG in ophthalmology
- c) Indication of pachymetry. What do you mean by adjusted IOP?
- d) Retinopathy of prematurity, etiology and management.
- e) Diabetic retinopathy, discuss classification etiology and management.
- f) Retinal detachment, classification etiology and role of optometrist.

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