

FIRST YEAR M. OPTOM. : SUMMER - 2019
SUBJECT : CLINICAL SCIENCES

Day : Monday
Date : 22/04/2019

S-2019-4019

Time : 09.30 A.M. TO 11.30 A.M.
Max. Marks : 50

N.B.:

- 1) **Section A** is of objective questions for total **20** marks.
- 2) **Section B** is of short questions for total **30** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

SECTION – A

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

- i) The strongest wall of the orbit is _____.
- ii) The refractive index of vitreous _____.
- iii) Day blindness is caused by _____.
- iv) River blindness is known as _____.
- v) Sign of Argyll Robertson pupil are _____.
- vi) Foster-Fuchs spots in retina are present in _____.
- vii) Commonest cause of toxic amblyopia _____.
- viii) Causes of right blindness are _____, _____ and _____.
- ix) Corneal scars can be graded as _____, _____, _____ and _____.
- x) Rubeosis iridis is seen in _____.
- xi) Inflammation of lacrimal gland is known as _____.
- xii) _____ is found in the slit lamp to reinvert the image formed.
- xiii) Goldmann applanation tonometer is based on principle of _____.
- xiv) Vistech charts are used for testing _____.
- xv) Contrast sensitivity decreases in _____, _____ and _____ diseases.

P.T.O.

- xvi) Maddox rod is made up of _____ cylinders.
- xvii) Star aperture seen in direct ophthalmoscope is used to check _____.
- xviii) Specular reflection is based on principle of _____.
- xix) Vitreous liquefaction is known as _____.
- xx) Slit lamp is based on principle of _____.

SECTION – B

Q.2 Answer **ANY SIX** of the following: **[30]**

- a) Discuss bracketing and radical retinoscopy.
- b) Uses of prism in optometry.
- c) What are the various methods of examine posterior segment of the eye?
- d) Discuss various methods of Lacrimal function test.
- e) How to evaluate the patient with Dry Eye?
- f) Vision screening of a group of computer professional.
- g) Discuss contrast sensitivity and various charts used for contrast sensitivity recording.

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