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**MASTER OF OPTOMETRY**  
**F. Y. M. Optom. : SUMMER – 2022**  
**SUBJECT : CLINICAL SCIENCES**

Day : Wednesday

Time : 10:00 AM-12:00 PM

Date : 23-11-2022

**S-804-2022**

Max. Marks : 50

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**N.B.:**

- 1) Answer the Section A and Section B on two **SEPARATE** answer books.
  - 2) Section A is of objective questions for total **20 marks**.
  - 3) Section B is of short questions for total **30 marks**.
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**SECTION – A**

**Q.1 Fill in the blanks:** **[10]**

- a) Foldable IOL are usually made of \_\_\_\_\_.
- b) The principle of Specular reflection illumination technique is \_\_\_\_\_.
- c) The image of the fundus seen in +90D is \_\_\_\_\_.
- d) Extended keratometry means \_\_\_\_\_.
- e) One use of stenopaic slit is \_\_\_\_\_.
- f) The last stage of FFA is \_\_\_\_\_.
- g) The Dye used in FFA to view the Choroidal pathology is \_\_\_\_\_.
- h) Cyclophoria can be detected with \_\_\_\_\_.
- i) Schirmer's strip is made of \_\_\_\_\_ paper
- j) Pseudoexophthalmos is seen in \_\_\_\_\_ condition

**Q.2 State True or False, if false give reasons:**

**[10]**

- a) Slit lamp can be used to view the fundus of the patient.
- b) Keratometer measure the power of the cornea.
- c) Indentation tonometer uses Imbert fick law.
- d) Goldmann three mirror contact lens is also known as universal lens.
- e) To induce total internal reflection is the principle of Gonioscope.
- f) Potential Acuity Meter is used to measure the visual acuity of old patients.
- g) Long term use of steroids will induce posterior sub capsular cataract.
- h) Amsler's grid measures the central 20<sup>0</sup> surrounding the field of fixation.
- i) In indirect ophthalmoscopy the magnification is 4x.
- j) In retinal drawing detached retina is shown in Black Colour.

**P.T.O.**

**SECTION – B**

**Q.3 Answer ANY SIX of the following:**

**[30]**

- a) What are the various tests to evaluate a watering eye in a 2 year old child?
- b) Enlist various macular function tests done in clear and opaque media.
- c) Write about medications that affects the tear-film.
- d) Explain the role of Bio-microscope in evaluating the Anterior segment of the eye.
- e) Explain Autosomal Dominant, Autosomal Recessive and X-linked inheritance. Explain two ocular conditions in each category.
- f) Write about Gonioscopy and grading of angle of Anterior chamber.
- g) Advantages and disadvantages of using phoropter in optometry clinic.

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