

MASTER OF OPTOMETRY
F. Y. M. Optom. : SUMMER - 2022
SUBJECT : SPECIALTY SUBJECT

Day : Thursday

Time : 10:00 AM-12:00 PM

Date : 24-11-2022

S-805-2022

Max. Marks : 50

N.B.:

- 1) Answer Section – A and Section – B on **SEPARATE** answer sheets.
 - 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: **[20]**
- i) In-vitro technique to assess the wettability of a contact lens is _____.
 - ii) An instrument for colour test, which uses prisms that separate white light into the spectral colours, is known as _____.
 - iii) Albinism patients have _____ visual field defect.
 - iv) Low vision patients with ARMD have _____ type of visual field defect.
 - v) _____ type of soft contact lenses would most likely result in evaporation staining of the cornea.
 - vi) Chirioscope is used for _____.
 - vii) _____ is mainly responsible for secreting the mucin layer of the tears.
 - viii) _____ type of topographic maps is most likely to provide an approximation to the sodium fluorescein pattern of an RGP CL fit.
 - ix) Fixatory movements are _____, _____ and _____.
 - x) The symptom of 'panoramic vision' is found in _____.
 - xi) Pleoptics treatment is given by _____ instrument.
 - xii) FDT is done in _____ condition.
 - xiii) JND stands for _____.
 - xiv) The centre of gravity shifts _____, if BOZR is increased.
 - xv) DVD stands for _____.
 - xvi) PROSE stands for _____.
 - xvii) Worth four dot test is based on the principle of _____.
 - xviii) A +12.00 DS reading addition has a working distance of _____ cm.
 - xix) Exit pupil size for a telescope which is marked 7×49 will be _____ mm.
 - xx) Four points print is equal to _____ M units.

SECTION – B

- Q.2** Attempt **ANY SIX** of the following: **[30]**
- i) Write a short note on selection of different parameter for the trial fitting of an RGP lens.
 - ii) Write a short note on refraction in low vision patients.
 - iii) How do you manage a case of patient with accommodative esotropia with high AC/A ratio?
 - iv) Write a short note on various contact lens option for Keratoconus.
 - v) Write the orthoptics clinical findings of a 25 year old patient with Right Superior Rectus palsy of recent origin.
 - vi) Write a note on various uses of prisms in optometry.
 - vii) What are different types of magnification? Explain various ways to achieve them for a low vision patient.

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