Sl.No. M21669 Course Code: 2740203/27417203

VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM (Deemed to be University)

B.OPTOMETRY DEGREE EXAMINATION – August 2019Second Year

OPTOMETRIC INSTRUMENTS AND CLINICAL EXAMINATIONS OF VISUAL SYSTEM

Time: Three hours		Maximum: 80 marks
I Choose the best answer		$(10 \times 1 = 10)$
 Lantern test is used to m Stereopsis Colour vision 	b) Visual acuity d) Contrast sensitivity	
 2. Conical Beam helps to o a) Aqueous flare c) Corneal dendrites 3. The following are characteristics a) Brilliance c) Slit 	b) Corneal end) Lens opacit	zy .
4. Red free filter in direct EXCEPT a) Arteries c) Nerve Fibres	, •	view the following
5. The following is a non-a) Koepee Lensc) Hruby lens	contact lens to view the fur b) Goldman 3 mirror ler d) Applantation lens	
6. In humphrey filed analysa) Stimulus distance fromb) Duration of stimulusc) Maximum luminosityd) Background illumination	m eye = 30 = 0.2 seconds of white stimulus = 1000 a	asb
7. All are true about baliea) Constant ratio from onb) Same number of lettec) Spacing between lettepenultimate lined) Equal legibility at each lette	ne size to next rs in each line ers is equal to the letter size	e between the
8. Motor symptoms in orbia) Diplopiac) Tightness	tal diseases include all EX b) Pain d) Night vision diffic	

9. Doing retinoscopy at closera) Dynamicc) Radical	distance is called as b) Wet d) None of the above	
	ty indices in visual field testing EX b) Fixation losses d) False - negative	KCEPT
II. Fill in the blanks:		$(10 \times 1 = 10)$
5. A 6/60 TARGET SUBTEN6. The light of the retinoscope7. In nerve palsy, there	principle. ade of binocular single vision. s cd.s/ m² _ in an ERG. NDS 5 min arc at e seen on the patient's face is called is lagophthalmos. is the iris becomes convens. n Javal Schiotz Kearotmeter.	1
III State whether the following sta	atements are TRUE or FALSE	$(10 \times 1 = 10)$
 Synaptophore is based on hat Latent squint can be detected. Proptosis is the hallmark of Ductions represent the move I disc diameter equals appropriate. Hyperfluroscence seen in IC 1M is equal to N8. EOG tests RPE layer. Defects in iris can be seen the Forceps delivery can cause 	ed with cover uncover test. Torbital disease. To	
IV Answer any FIVE of the follo	owing: (5 x	x 6 = 30)
each. 3. Explain the spikes obtained at 4. Indications and uses of A-sc 5. Uses of lensometer 6. Explain 3 methods used to each 4.	ion and viewing techniques and me in A scan. can	

V Write an essay on any **TWO** of the following:

 $(2 \times 10 = 20)$

- 1. Explain the following to explain visual field examination
 - a. Confrontation
 - b. Amsler
 - c. Bowl Perimetry
- 2. Expalin the principle and illustrate applanation and indentation tonometry in detail on constant force and variable force tonometers.
- 3. Electrodiagnostics in detail.

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