

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

B.OPTOMETRY DEGREE EXAMINATION – August 2018
Third Year

GERIATRIC OPTOMETRY AND PEDIATRIC OPTOMETRY

Time: Three hours

Maximum: 80 marks

I Choose the correct answer

(10 x 1 = 10)

1. Visual acuity reaches adult acuity in children by the age of
 - a) 7 years
 - b) 9 years
 - c) 5 years
 - d) 3 years
2. Normal APGAR score would be
 - a) 10 and above
 - b) 8 - 10
 - c) 4 - 6
 - d) 5
3. Descemet membrane formation gets completed by week, _____
 - a) 7
 - b) 5
 - c) 8
 - d) 10
4. Nasolacrimal system becomes patent by _____ month of eyestation
 - a) 6
 - b) 4
 - c) 09
 - d) 08
5. Alternate cover test is useful in diagnosing
 - a) Latent Nystagmus
 - b) Latent Strabismus.
 - c) Intermittent divergent squint
 - d) All the above.
6. Bifocals are to be prescribed in
 - a) Congenital esotropia
 - b) Partially accommodative esotropia
 - c) Incomitant esotropia
 - d) All the above
7. Recovery time for Tropicamide is
 - a) 1 Hr
 - b) 30 min
 - c) 2 – 6 Hrs
 - d) 12 -24 Hrs
8. Vogt's striae is found in
 - a) Corneal edema
 - b) Keratoconus
 - c) Congenital Glaucoma
 - d) Aging cornea
9. _____ Frames are preferred in elderly people.
 - a) Metal
 - b) Plastic
 - c) Rimless
 - d) None of the above
10. Old photographs are to asked in
 - a) Squint patients
 - b) Ptosis
 - c) None of the above
 - d) Both squint and ptosis

II State whether the following statements are **TRUE** or **FALSE** (10 x 1 = 10)

1. Aging causes dry eye.
2. Use of cycloplegia is contraindicated in patients with aniridia.
3. Bangerter foils are used in Amblyopia therapy.
4. Tranaglyphs are used to treat accommodative insufficiency.
5. Abnormal head posture is found in squint patients.
6. Neo vascularisation of disc is a sign of ARMD.
7. Congenital squint can cause Amblyopia.
8. Homatropine is contraindicated in patients with seizure.
9. Brow ptosis is common in elderly patients.
10. Mean palpebral aperture size decreases with increasing age.

III Fill in the blanks: (10 x 1 = 10)

1. Common conjunctival degeneration is _____
2. History of unilateral occlusion of eye in bright sunlight is common in _____ squint patients.
3. _____ Frames are seldom prescribed in pediatric patients.
4. Normal stereopsis value is _____
5. Most dissociative test to check fusion is _____
6. Broad H test is used to assess _____
7. Normal NPC and Low AC/A ratio implies _____
8. Recovery time for cyclopentolate is _____
9. 'C' in CSM test stands for _____ fixation.
10. Yoke prisms are prescribed in patients with _____

IV Write any **FIVE** answers of the following: (5 x 6 = 30)

1. Write notes on importance of Birth history.
2. Explain about congenital ptosis.
3. Give notes on cover test.
4. List the various tests that are used to test fusion.
5. Discuss about the treatment of Amblyopia.
6. List the aging changes of cornea.
7. Write notes on considerations of prescribing glasses in Geriatric patients.

V Write any **TWO** essays of the following: (2 x 10 = 20)

1. Write detailed notes on measurement of visual acuity in Infants.
2. Explain in detail about Geriatric optometry workup.
3. Write in detail about Diabetic Retinopathy.

(Sl.No. M19252)