

N.A



BRAINWARE UNIVERSITY

Term End Examination 2023

Programme – B.Optomtry-2019/B.Optomtry-2020

Course Name – Geriatric & Pediatric Optometry

Course Code - BOPTO404

(Semester IV)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) If there is a past h/o of this disease then there is a high chance to develop squint, Choose the disease.
- | | |
|-------------|-----------------|
| a) Jaundice | b) Anaemia |
| c) Dengu | d) All of these |
- (ii) Identify Which test involves the child following a small target moving in different directions to assess the speed and accuracy of eye movements?
- | | |
|-----------------------|-------------------------------|
| a) Visual acuity test | b) Cover test |
| c) Stereopsis test | d) Saccadic eye movement test |
- (iii) Choose the correct the term called when there is whitening of eyelashes
- | | |
|--------------|------------------|
| a) Poliosis | b) Madarosis |
| c) Mydriasis | d) None of these |
- (iv) Choose the correct refractive astigmatism is seen more in young age
- | | |
|------------------------|---------------------|
| a) With the Rule | b) Against the rule |
| c) Oblique astigmatism | d) No astigmatism |
- (v) Identify Loss of accommodation is nearly complete by the age of
- | | |
|-------------|-------------|
| a) 40 years | b) 50 years |
| c) 60 years | d) 70 years |
- (vi) Choose the correct example for Dysplasia
- | | |
|-----------------------|------------------------|
| a) Retinal Detachment | b) Congenital Cataract |
| c) Glaucoma | d) None of these |
- (vii) Identify Which test involves the child identifying the direction of the "E" on a chart at different distances?
- | | |
|-----------------------|-------------------------------|
| a) Visual acuity test | b) Cover test |
| c) Stereopsis test | d) saccadic eye movement test |

- (viii) Choose the correct options where all the disease can be assessed with bruckner test except
- a) Congenital cataract
b) Squint
c) refractive error
d) glaucoma
- (ix) Identify -1.25D represents a constant number foraccommodation.
- a) Added
b) Subtracted
c) divided
d) Multiply
- (x) Name the chart where the distance between each letter is equal to the width of the letter.
- a) Tumbling E
b) Log MAR
c) Snellen's chart
d) None of these
- (xi) Identify a pterygium is fibrovascular growth that may extend into the cornea at
- a) 3 O'clock or 9 O'clock position
b) 6 O'clock or 9 O'clock position
c) 12 O'clock or 9 O'clock position
d) 6 O'clock or 9 O'clock position
- (xii) Identify the correct full form of ROP
- a) Retina of Premature
b) Retinopathy of Prematurity
c) Retinopathy On Prematurity
d) None of these.
- (xiii) Identify the correct options , Bruckner test is perform with
- a) Torch light
b) Indirect Ophthalmoscope
c) Direct Ophthalmoscope
d) all of these
- (xiv) Identify pattern of crescent you will observe in astigmatism
- a) superior
b) inferior
c) nasal
d) temporal
- (xv) Identify with aging ,the entire ciliary body becomes larger and shorter by middle age, shifting most of its tissue.....
- a) nasally
b) Posteriorly
c) anteriorly
d) both a and b

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Tell the advantages of contact lenses in presbyopic condition (3)
3. Name the various cause of low vision in geriatric population (3)
4. Discuss how you will manage a patient with Retinitis pigmentosa (3)
5. Explain the mechanism by which the eyelids blink to keep the eye moist. (3)
6. How to examine the visual acuity if a patient age is 9 months? (3)

OR

What are the possible causes which affect the development of a child ? (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Explain the important of birth history in pediatric patients (5)
8. List out the name of the eye part where you will find changes as the age increases. (5)
9. What methods can be used to assess the impact of low vision on the patient's ability to perform specific tasks, such as reading or driving? (5)
10. Identify what low vision device will you suggest to a newspaper reader complaining of difficulty for near (5)
11. Explain why assessment of EOM is important in adult patient. (5)
12. How to measure the refractive error of a 1 year old patient ? (5)

OR

Which test will you perform to check the presence of binocularity of an infants

(5)
