

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

M.OPTOMETRY DEGREE EXAMINATION – December 2021

Second Semester

LOW VISION AND GERIATRIC OPTOMETRY

Three Hours

Maximum: 100 marks

I. Choose the Best Answer :

(20 x 1 = 20)

1. The cells responsible for Visual Perception is _____
a) rods and cones b) amacrine cells c) M cells d) P cells
2. _____ plays a vital role for Cognitive processing.
a) Visual pathway b) Pupillary reflex c) Binocularity d) Visual Perception
3. All the following is Anterior segment disorders EXCEPT
a) Peter's Anomaly b) Rieger's Anomaly c) Axenfeld anomaly d) Leber's Congenital Amaurosis
4. How many methods are there to measure Reading speed?
a) 3 b) 5 c) 2 d) 7
5. How many approaches are there to facilitate perception?
a) 7 b) 2 c) 5 d) 3
6. In LOTCA, how many subsets are there in Visual perception?
a) 2 b) 7 c) 4 d) 3
7. Threshold contrast under photopic condition is closest to
a) 1.000 b) 0.100 c) 0.010 d) 0.001
8. Ocular disease is expected to cause the slope of the psychometric function to
a) increase b) decrease c) remain the same d) Zero
9. Which of the following reaches the maturity earliest in life?
a) red-green colour vision b) Stereopsis c) vernier acuity d) CFF
10. Among the following which is the activity to promote development of functional vision skills
a) Target games b) Paddle balls c) Hide and seek d) All the above
11. In CHARGE Association R denotes
a) Rubella b) Retinitis c) Retarded growth d) None of the above
12. Which is not a dimension in other people's attitudes toward visual impairment?
a) personal attributes b) social attributes c) perception as threatening and uniquely frustrating d) environmental attributes
13. Areas not Affected Due To Lack of Early Intervention
a) Language and Social Development b) Level of sleepfulness c) Social and emotional development d) Adaptive development

14. Exercises of visual skills for the enhancement of visual functioning does not include
a)Tracking exercises b)Spotting exercises c)Plank exercisesd)Fixation exercises
15. Dimensions of Psychosocial Health include
a)Mental b)Spiritual c)Social d)All of the above
16. Hearing aids make sounds louder, and they clarify the person's reception or understanding of the sound.
a)True b)False
17. Hallucinations are not similar to dreams.
a)True b)False
18. Perception is the process of integrating sensory stimuli or impressions into the information that is psychologically meaningful.
a)True b)False
19. Bilateral lesions in the ____ area of the cerebral cortex may cause loss of perception of movement
a)V5 b)V4 c)V3 d)V2
20. Weber's Law y applies to vision and not to other senses.
a)True b)False

II .Write an Essay on:

(4 x 10 = 40)

21. Explain the examination methods for Neuro-Ophthalmology in elderly Low vision Patients.
22. Explain the psychology of Low vision patients
23. Explain about the changes in QOL of Low Vision in Elderly
24. Explain about Purkinje shift

III .Write an Long Essay on :

(2 x 20 = 40)

25. Explain about Vision and Dementia
26. Explain about visual perception problems

(S.No.M22066)