

S.No.M23293

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

**M.OPTOMETRY DEGREE EXAMINATION – January 2021**

**Second Semester**

**LOW VISION AND GERIATRIC OPTOMETRY**

Three Hours

Maximum: 100 marks

**I. Choose the Best Answer :**

**(20 x 1 = 20)**

1. Visual Perception is the ability to \_\_\_\_\_  
a)interpret      b)analyse      c)differentiate      d)absorb
2. \_\_\_\_\_ plays a vital role for Cognitive processing.  
a)Visual pathway    b)Pupillary reflex    c) Binocularity    d)Visual Perception
3. Perception occurs in \_\_\_\_\_ stages  
a)2                  b)3                  c)4                  d)5
4. REACT analysed about the efficacy of antioxidant micronutrients oral mixture to slow down the progression of \_\_\_\_\_  
a)Cataract      b)ARMD      c)ROP      d)None of the above
5. Yerkes Dodson law is \_\_\_\_\_  
a)U Hypothesis                                  b)Inverted U Hypothesis  
c)Curvilinear Hypothesis                      d)None of the above
6. Anosognosia means \_\_\_\_\_  
a)Lack of cognition                              b)Lack of awareness about impairment  
c)Lack of memory                                  d)None of the above
7. The inability to recognize the face is referred to as  
a)achromatopsia      b)Alexia      c)Dyslexia      d)Prosopagnosia
8. As the mixture field of the Nagel anomaloscope is adjusted  
a)luminance remains constant                  b)radiance remains constant  
c)both a & b    d)none of the above
9. Prosopagnosia is often accompanied by  
a)Achromatopsia      b)Akinetopsia      c)Obectagnosia      d)Nystagmus
10. Posterior cortical Atrophy is associated with  
a)Dementia    b)Alzheimer's Disease    c)Parkinson's syndrome    d)All the above

(p.t.o)

11. The most common eye disorders in Multiple sclerosis  
a)Optic neuritis      b)Diplopia      c)Nystagmus      d)All the above
12. REACT analyzed about the efficacy of antioxidant micronutrients oral mixture to slow down the progression of \_\_\_\_\_  
a) Cataract      b) ARMD      c) ROP      d)None of the above
13. ."Universal design" means only the design of products, to be usable by selective people.  
a)True      b)False
14. Regular print with low vision devices or large print is used for  
a)Low vision –Moderate      b)Low-vision – Severe  
c)Low vision – Profound      d)Low vision – Mild
15. Impairment is defined as “any loss or abnormality in an anatomical structure or a physiological or psychological function.”  
a)True      b)False
16. Which is not a type of hearing loss:  
a)Sensorineural      b)Conductive      c)Central      d)Peripheral
17. Hallucinations are not similar to dreams.  
a)True      b)False
18. Figure and ground is a group under  
a)Oswald Theory      b)Helmholtz theory      c)Gestalt Theory      d)Lords Theory
19. Total number of words/letters – number of errors  $\times$  100 is a formula to calculate  
a)Reading Speed      b)ReReading Speed      c)Reading accuracy      d)Reading rate
20. Which of these sources do not contribute to our understanding of the vision.  
a)Linguistics      b)Neuro anatomy      c)Neurophysiology      d)Psychophysics

**II .Write an Essay on:**

**(4 x 10 = 40)**

21. Explain about the epidemiology of Vision Impairment.
22. Explain about the disabilities of communication and Language in patients with Visual Disorder
23. How can you tell if a child has problems with social skills?
24. Explain about Weber’s Law

**III .Write an Long Essay on :**

**(2 x 20 = 40)**

25. Explain in detail about Diabetic Retinopathy with its Management
26. Explain about visual perception problems

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$$(2 \times 20 = 40)$$