



**Avinashilingam Institute for Home Science and Higher Education for Women**  
 (Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)  
 Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B  
 Coimbatore - 641 043, Tamil Nadu, India

**Bachelor's Degree Examination – June / July 2021**  
**II Semester**

**Class : I UG**  
**Major : Special Education and Mathematics**

**Time : 3 Hours**  
**Max. Marks : 100**

**18BSEC04 Assessment and Training of Low Vision**

**Part A**  
**Choose the Correct Answer**

**10 x 1 = 10**

1. According to WHO, the visual acuity of individuals with low vision in Snellen is CO1K3
  - a. Between 20/200 to 70/200
  - b. Between 20/200 to 80/200
  - c. Between 20/200 to 90/200
  - d. Between 20/200 to 100/200
2. It is the ability of the eye to see things clearly is known as CO1K1
  - a. Visual field
  - b. Depth perception
  - c. Visual acuity
  - d. Contrast sensitivity
3. The eye condition in which the eyes do not align in the same direction. CO1K1
  - a. Strabismus
  - b. Nystagmus
  - c. Amblyopia
  - d. Nyctalopia
4. The refractive error caused by rigidity of lens due to aging CO1K1
  - a. Myopia
  - b. Hyperopia
  - c. Presbiopia
  - d. Astigmatism
5. In Cataract, the lens becomes CO2K1
  - a. Opaque
  - b. Cylindrical
  - c. Thick because of extra layer
  - d. Small
6. The visual skill of the eye to perceive objects in different angles CO2K1
  - a. Visual closure
  - b. Form constancy
  - c. Visual discrimination
  - d. Figure ground discrimination
7. Ishihara test is used to assess CO2K2
  - a. Colour vision
  - b. Distance visual acuity
  - c. Near visual acuity
  - d. Contrast sensitivity
8. Students with the following eye condition should be avoided the direct exposure of the sun light CO2K2
  - a. Amblyopia
  - b. Albinism
  - c. Nyctalopia
  - d. Hemeralopia
9. Magnifier is an example of CO3K2
  - a. Optical device
  - b. Non-optical device
  - c. Electronic device
  - d. Electro optical device
10. The concept of O & M was first introduced in India by CO3K2
  - a. NIVH , Dehradun
  - b. NAB, Mumbai
  - c. Blind relief association, Delhi
  - d. Blind People Association, Ahmadabad

**Part B**

**5 x 6 = 30**

**Answer ALL questions**

**Each answer should not exceed 400 words or two pages**

- 11.a. Describe the concept of Low Vision in detail. CO2K1  
(or)
- 11.b. List down the behavioural characteristics of low vision. CO1K1
- 12.a. Describe the checklists used to identify children with low vision. CO2K2  
(or)
- 12.b. Discuss about the assessment tools used to assess distant vision and near vision. CO2K2
- 13.a. Express your views on the need and significance of vision stimulation. CO2K2  
(or)
- 13.b. Review the components of functional vision assessment. CO2K2
- 14.a. Write a short note on selecting appropriate learning medium for children with low vision. CO3K3  
(or)
- 14.b. Review the programme for developing writing skills among low vision. CO3K2
15. a. Explain on the role of educators in handling children having problems in visual field. CO3K3  
(or)
- 15.b. Give examples of the classroom management strategies for low vision children. CO3K2

**Part C**

**5 x 12 = 60**

**Answer ALL questions**

**Each answer should not exceed 800 words or four pages**

- 16.a. Enumerate the types of vision loss with its nature. CO1K1  
(or)
- 16.b. Discuss the implications of low vision in education. CO1K2
- 17.a. Discuss the assessment of contrast sensitivity and colour vision. CO2K2  
(or)
- 17.b. Explain the commonly used Adapted Tests for screening and assessment of low vision. CO2K2
- 18.a. Explain the activities to enhance visual efficiency. CO2K2  
(or)
- 18.b. Review the guidelines for selecting and preparing appropriate materials for functional vision assessment. CO2K2
- 19.a. Identify the applications of optical, non-optical and electro optical devices in educating children with low vision. CO3K2  
(or)
- 19.b. Discuss any six activities to develop reading skills among the low vision children. CO3K2
- 20.a. Examine the significance of teaching orientation and mobility techniques for children with low vision. CO3K3  
(or)
- 20.b. Discuss the environmental adaptations and accommodations for students with low vision. CO3K2

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