

**Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore - 641 043.**

Bachelor's Degree Examination - November 2017

III SEMESTER

Class : II UG

Major : Special Education and Mathematics

Time : 3Hrs.

Max. Marks : 100

15BSEC06 - Assessment and Training of Low Vision

PART -A

10 x 1 = 10

Choose the correct answer

1. The ability of the eye to see things clearly is known as
a. Visual field b. Depth perception c. Visual acuity d. Contrast sensitivity
2. Muscle condition in which when both eyes are open, one eye is turned outwards
a. Exotropia b. Exophoria c. Esotropia d. Esophoria
3. The visual skill to identify things even in their incomplete forms is referred as
a. Visual closure b. Form constancy c. Visual discrimination
d. Figure ground discrimination
4. Ishihara test is used to assess
a. Colour vision b. Distance visual acuity c. Near visual acuity
d. Contrast sensitivity
5. The test that is designed specifically for children who do not know how to read the letters of the alphabet that are typically used in eye charts
a. Jill Keffe visual acuity test b. Lea test c. Snellan Chart
d. Logmar Chart
6. The refractive error caused by rigidity of lens due to aging
a. Myopia b. Hyperopia c. Presbiopia d. Astigmatism
7. The ultimate objective of functional vision assessment for a child with low vision is
a. To teach daily living skills b. To plan educational programme
c. To train vocational skills d. To teach social skills
8. Finger dexterity means
a. Ability to discriminate tactual differences
b. Ability of the fingers to move quickly and easily
c. Ability of the fingers to trace the lines
d. Ability of the fingers to turn pages quickly
9. An example for non-optical devise
a. Typoscope b. Magnifier c. Microscope d. Telescope
10. Students with the following eye condition should be avoided the direct exposure of the sun light
a. Amblyopia b. Albinism c. Nyctalopia d. Hemeralopia

: 2 :

Part B

5x6=30

Answer the following in two pages or 400 words

11. a. Define low vision and brief the concept.
(or)
b. Write short note on the characteristics of children with low vision.
12. a. List down the tests that helps to assess a child with low vision.
(or)
b. Briefly explain Snellan Chart.
13. a. Briefly explain the significance of visual stimulation for individuals with low vision.
(or)
b. Write an account on functional vision assessment.
14. a. List down the activities to develop reading skills among children with low vision
(or)
b. As a special educator how will you select appropriate learning medium for children with visual impairment?
15. a. Define Orientation and Mobility and brief the concept.
(or)
b. Enumerate the educational implications of low vision.

Part C

5X12=60

Answer the following in four pages or 800 words

16. a. Discuss in detail the types of loss of visual field.
(or)
b. Enumerate the educational implications of low vision.
17. a. Explain the tests used to assess visual field.
(or)
b. Discuss the concept and management of loss of contrast sensitivity and loss of colour vision.
18. a. Briefly discuss the guidelines for selecting and preparing objects for functional vision assessment.
(or)
b. Suggest the vision training activities to improve visual efficiency.
19. a. Explain the reading and writing programme for low vision children.
(or)
b. Discuss the role of electro- optical devices in the education of children with low vision.
20. a. Explain in detail the classroom management strategies for students with low vision.
(or)
b. Discuss the suitable environmental adaptations and modifications with special reference to individuals with low vision.