

**Avinashilingam Institute for Home Science and Higher Education for Women
[Deemed to be University] Coimbatore-641 043**

Bachelor's Degree Examination November - 2018

III Semester

**Class : II UG
Major : Special Education & Rehabilitation
and Mathematics**

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

15BSEC06 Assessment and Training of Low Vision

Part-A

10 x 1=10

Choose the correct answer

1. Snellan Chart helps in the assessment of
(a) near vision (b) visual acuity (c) field vision (d) Peripheral vision
2. Which of the following eye disorder results in peripheral vision loss
(a) Cataract (b) Corneal Ulcer
(c) Retinitis Pigmentosa (d) Macular degeneration
3. The eye condition which is referred as 'Sneak thief of vision'
(a) Cataract (b) Glaucoma (c) Amblyopia (d) Nystagmus
4. Emmetropic is the condition in which the eye has
(a) Refractive errors (b) No refractive errors
(c) Disorders (d) Diseases
5. The type of lens used to correct Myopia
(a) Cylindrical (b) Asperic (c) Concave (d) Convex
6. Ishihara test is used to assess
(a) Colour vision (b) Distance visual acuity
(c) Near visual acuity (d) Contrast sensitivity
7. Magnifier is an example of
(a) Optical device (b) Non-optical device
(c) Electronic device (d) Electro optical device
8. The number of rows in the Taylor Frame
(a) 26 (b) 27 (c) 28 (d) 29
9. The ability of the eye to perceive the object even in its incomplete form
(a) Form constancy (b) Closure (c) Figure ground (d) Spatial relation
10. Locating one self in an environment using remaining senses is known as
(a) Location (b) orientation (c) mobility (d) orientation and mobility

Part B

Answer the following

Answer should not exceed 400 words or two pages

5X6=30

11. a. Write a short note on the concept of low vision.
(or)
11. b. List down the motor characteristics of low vision.
12. a. What is colour vision? Mention the test used to assess the colour vision loss.
(or)
12. b. Give an account on contrast sensitivity.
13. a. Enumerate the significance of vision stimulation for children with low vision.
(or)
13. b. Write any six guidelines to select materials for functional assessment.
14. a. Explain the need for selecting appropriate learning medium for students with low vision.
(or)
14. b. Suggest your views as a special educator to enhance reading skills among children with low vision.
15. a. Discuss the role of multidisciplinary team in the management of low vision.
(or)
15. b. Enumerate the educational needs of individuals with low vision.

Part C

Answer the following

Answer should not exceed 800 words or four pages

5X12=60

16. a. Discuss the implication of types of vision loss on the education of children with low vision.
(or)
16. b. Explain the causal factors and preventive measures of low vision.
17. a. Explain the procedure of testing visual acuity using Snellan chart.
(or)
17. b. Explain the commonly used test to measure low vision.
18. a. Explain the concept, significance and procedure of functional vision assessment.
(or)
18. b. As a special educator, what kind of training you will provide to children with low vision to enhance visual efficiency?
19. a. Analyse the use of optical and non-optical devices in the educational rehabilitation of children with low vision.
(or)
19. b. Design and develop a programme for improving writing skills of children with low vision.
20. a. Describe the techniques of teaching orientation and mobility skills for individuals with low vision.
(or)
20. b. Discuss the management strategies that are to be adopted while handling children with low vision in inclusive classrooms.