

Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University) Coimbatore – 641 043

Bachelor of Education Degree Examination – November 2018
I Semester

Class : I.B.Ed. Spl. Edn.

Time: 3 Hrs
Max. Marks: 100

18BDDSV1 Specialization : Identification of Children with Visual Impairment and Assessment of Needs

Part – A

10 X 1 = 10

Choose the Correct Answer

1. Which of the following is the most common refractive error occurring among children with visual disabilities ?
 - a. Myopia
 - b. Hyperopia
 - c. Diplopia
 - d. Astigmatism
2. A student with an abnormality in the cones of the eye will most likely
 - a. have poor color vision
 - b. be uncomfortable in bright light
 - c. require corrective lenses for reading
 - d. benefit from patching one eye
3. Which of the following concepts would be most difficult to acquire for elementary school children who have been totally blind from birth ?
 - a. A piece of corn grows in rows on a round axis known as a cob
 - b. The horizon is the point where earth and sky meet
 - c. Water is a liquid that can become a solid by the process of freezing
 - d. A song bird can be identified by the song its sing
4. Which of the following is the most inexpensive magnifying device ?
 - a. A set of clip- on microscopic or telescopic lenses
 - b. A hand- held bar magnifier
 - c. A rear-view projection screen
 - d. An over- head projector
5. The term " legally blind " applies to individuals with corrected central visual acuity in the better eye or below which of the following levels?
 - a. 20/50
 - b. 20/70
 - c. 20/100
 - d. 20/200
6. Which of the following is an essential communication skill to learn for a preschool child who is totally blind?
 - a. Localizing the speaker's voice by sound and facing the speaker
 - b. Touching the speaker to communicate that the speaker is being heard
 - c. Maintaining expressionless features to show concentration on what is being said
 - d. Repeating everything a speaker says to indicate that it was comprehended
7. Refraction takes place in
 - a. Cornea
 - b. Lens
 - c. Cornea and Lens Vitreous
 - d. Cornea and Lens
8. Infants born prematurely have a greater risk of vision problems than infants born full term primarily because
 - a. their eyes are not yet ready to function in day light
 - b. medications given to mothers to aid in delivery are harmful to the eyes
 - c. the development of the eyes is not complete until the final months of gestation
 - d. medical interventions given to premature infants can result in eye damage
9. Before light rays focus on the retina of the eye, they must pass through the eye in which of the following orders ?
 - a. Lens, cornea, pupil, vitreous humor
 - b. Cornea, pupil, lens, vitreous humor
 - c. Pupil, vitreous humor, lens, cornea
 - d. Lens, vitreous humor, cornea, pupil
10. Which of the following is the expanded core curriculum skill that a student with a visual impairment is primarily trained to use during a conversation ?
 - a. Orientation and mobility
 - b. Math subject
 - c. Speaking Skill
 - d. Science Subject

Part – B**Answer the following questions****Answer should not exceed 400 words or two pages**

11. a. Explain the concept of visual acuity and visual field.
(or)
11. b. State the principle of refraction and refractive errors.
12. a. Explicate the educational implications of any three eye disorders.
(or)
12. b. Determine the various causes of visual impairment.
13. a. Enlist the factors affecting implications of visual impairment.
(or)
13. b. Justify the need for the expanded core curriculum.
14. a. Write short notes on i. WISC – R and ii. EPQ.
(or)
14. b. Comment on 'Portfolio assessment'.
15. a. What is VIMD ? Explain the concept and definition of VIMD.
(or)
15. b. Highlight the impact of VIMD on learning and development of the children.

Part – C**5 X 12 = 60****Answer the following questions****Answer should not exceed 800 words or four pages**

16. a. Draw the structure of human eye and discuss the concept of blindness and low vision.
(or)
16. b. Explain 'Normal vision development and process of seeing'.
17. a. Discuss on 'Colour vision defect and loss of contrast sensitivity'.
(or)
17. b. Write short notes on i. Cortical visual impairment and ii. Muscular degeneration.
18. a. Highlight on the implications of low vision and needs of children with low vision.
(or)
18. b. Comment on the effect of visual impairment on growth and development.
19. a. Explain how will you administer Vithoba Paknikar Performance Test and a short scale IQ measure for the children with visual impairment in your classroom.
(or)
19. b. Write an essay on the need and concept of Functional Assessment of vision.
20. a. Describe the multidisciplinary assessment of children with VIMD.
(or)
20. b. What is screening ? Discuss the screening devices and the early intervention strategies for the visually impaired.
