

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

Bachelor of Education Degree Examination – November 2018
III Semester

Class : II B.Ed. Spl.Edn.

Time: 3 Hrs
Max. Marks: 100

**17BDSSV3 Specialization : Educational Intervention and Teaching Strategies for
Children with Visual Impairment**

**Part – A
Choose the Correct Answer**

10 X 1 = 10

- _____ is the ability of the child to identify and attend to an object is
 - Visual stimulus
 - Visual awareness
 - Visual focus
 - Visual tracking
- Finger dexterity is
 - making varied hand movements
 - hand shapes
 - eye hand coordination
 - hand grip
- Auditory training focuses on
 - aware of the variety of sounds in the class
 - aware of the variety of sounds in the house
 - aware of the variety of sounds in the society
 - all the above
- The reception in the joints, muscles and tendons give information to the brain about the physical position of the individual in the environment is
 - auditory sense
 - orthotic sense
 - kinesesthetic sense
 - olfactory sense
- _____ is the ability to look at an object and keep the eyes fixed on it to see the object.
 - Mobility
 - Tracking
 - Scanning
 - Fixation
- _____ includes knowing parts of the body and concepts associated with body position such as front back, left/right and up/down.
 - Body Awareness
 - Visual awareness
 - Listening
 - Tracking
- _____ is used for teaching of mathematics.
 - Taylor Frame
 - Geometry Box
 - Abacus
 - All the above
- _____ is used to take multiple copies of tactile matter.
 - Refreshable Braille Display
 - Screen Reader
 - Thermoform Machine
 - Magnifier
- Who developed Mathematical Code ?
 - Abraham Nemeth
 - William Nemeth
 - Charles Babbage
 - Johanna Mansfield Sullivan Macy
- _____ can be worn over ordinary spectacles
 - Magnifier
 - Filter
 - Super scan reading glasses
 - Prism

Answer the following questions

Answer should not exceed 400 words or two pages

11. a. State the difference between methods, approaches and strategies.
- (or)
11. b. Critically analyze the need for mediated teaching learning.
12. a. Explain the process of conceptualization of mathematical ideas for children with visual impairment. (or)
12. b. Describe the preparation and use of tactile materials in teaching mathematics.
13. a. How do we provide first-hand experience in the class and school environment? (or)
13. b. Write about the inclusive/collaborative learning for laboratory work.
14. a. Bring out the procedures in organizing field trips. List out the advantages in it. (or)
14. b. How do we evaluate the concepts in social science ?
15. a. What do you mean by visual stimulation ? Explain its importance in teaching of children with low vision. (or)
15. b. State the importance of orientation and mobility training for children with visual impairment.

Part – C

5 X 12 = 60

Answer the following questions

Answer should not exceed 800 words or four pages

16. a. State the role of special educators in the intervention of lately blinded students. (or)
16. b. How do we convert visual concepts into accessible experience while teaching children with visual impairment.
17. a. Analyse the importance of mental arithmetic abilities in the education of children with visual impairment and state how do you apply it. (or)
17. b. Give the evaluation procedures in teaching mathematics to children with visual impairment. (or)
18. a. Mention the procedure in preparation and use of TLM in teaching science. (or)
18. b. How do problem solving and learning by doing approach is adopted in the education of children with visual impairment ?
19. a. List out the teaching learning materials in teaching of social science. Explain the preparation and presentation of the above materials. (or)
19. b. Write about the teaching skills used to teach social science. (or)
20. a. Explain the techniques and procedures to develop reading and writing skills among children with low vision. (or)
20. b. State the classroom management techniques one has to follow while teaching children with low vision.