

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

Continuous Internal Assessment Test II - February 2021

SEMESTER I

Class : I B.Ed – Special Education(Visual Impairment)

Time: 2 Hrs.
Max. Marks: 30

18BDSEVI - Discipline Specific Elective (DSE) I - Braille and Assistive Devices

Course Outcomes:

- CO1: Be able to analyze the impact of blindness
- CO2: Be able to transcribe print in to Braille format by using Braille Slate as well as with Mechanical Brailier in both Regional and English language with contractions
- CO3: Be familiar with the different types of devices available for children with visual impairment
- CO4: Apply the knowledge of Taylor frame and abacus to teach visually impaired students, teachers, parents and to the caregivers
- CO5: Be familiar with various schemes and legislations available for PWDs

PART – A

6 x 1 = 6

**Answer all questions
(Multiple choice questions)**

- | | | | |
|----|--|-----|----|
| 1. | The shape of the Taylor Frame is | CO1 | K1 |
| | a. Star shape | | |
| | b. Hexagon shape | | |
| | c. Triangle shape | | |
| | d. Square shape | | |
| 2. | Geo board is used to learn | CO1 | K2 |
| | a. Mathematics | | |
| | b. Mathematics and social science | | |
| | c. Language | | |
| | d. Social science | | |
| 3. | Algebraic sums can be performed with the help of | CO2 | K1 |
| | a. Abacus | | |
| | b. Taylor frame | | |
| | c. Braille slate | | |
| | d. Geo board | | |
| 4. | Following the moving object is called as | CO3 | K1 |
| | a. Visual tracking | | |
| | b. Visual scanning | | |
| | c. Visual figure ground | | |
| | d. Visual closure | | |
| 5. | Dot 3,4,6 in math refers to | CO3 | K2 |
| | a. Plus | | |
| | b. Minus | | |
| | c. Multiplication | | |
| | d. Division | | |
| 6. | Dot 1,2,3,5,6 refers | CO2 | K2 |
| | a. With | | |
| | b. Of | | |
| | c. And | | |
| | d. In | | |

PART – B

2 x 6= 12

**Answer any two questions
(2 out of 4 Questions)**

Answer should not exceed 400 words

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|----|--|-----|----|
| 7. | Define optical and non-optical devices and explain the advantage and disadvantage of using spectacles and hand magnifiers. | CO1 | K1 |
| 8. | What is Teaching Learning Materials (TLM). Explain the principles involved in TLM preparation. | CO1 | K3 |
| 9. | Explain the concept: Setting and Clearing | CO2 | K1 |

10. Enumerate the prerequisite skills needed to learn Abacus. CO2 K3

PART – C

1 x 12 = 12

Answer any one question

(1 out of 2 Questions)

Answer should not exceed 800 words

11. Explain how will you teach addition and subtraction to children with visual impairment by using Taylor Frame with illustration. CO1 K3
12. Explain how will you teach addition and subtraction to children with visual impairment by using Abacus with illustration. CO2 K4