



Mavinayaga

Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD)

Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B

Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test I - December 2021 I Semester

Class : I B.Ed – Special Education (VI)

Time: 2 Hrs.

Max. Marks: 60

21BDSEVI: Discipline Specific Elective (DSE) I: Braille and Assistive Devices

Course Outcomes:

- CO1: analyze the impact of blindness on learning.
CO2: transcribe print in to Braille format by using Braille writing devices.
CO3: account use of educational devices for children with visual impairment.
CO4: skill of learning Taylor frame and abacus to teach visually impaired students, teachers, parents and to the caregivers
CO5: specify various schemes and legislations available for PWDs

Part – A Answer all questions

6 x 1 = 6

1. What is Braille CO 1 K1
 - a. An electronic display that helps visually impaired students read computer screens
 - b. A tactile output that helps students use telephones
 - c. A communications system of touch that allows persons who are blind to read, review, and study the written word
 - d. None of the above
2. What is the Nemeth code? CO1 K2
 - a. code for reading maps
 - b. An alternative system of braille
 - c. A system of Braille for mathematics and science notation
 - d. A computer programme to help students take notes
3. What is Congenital blindness? CO2 K2
 - a. Loss of vision after birth but by age five
 - b. A loss of vision before or at birth
 - c. Loss of vision as a result of an accident
 - d. Loss of vision as a result of a disease
4. Visually impaired learners belong to which category of disability group CO2 K1
 - a. Mentally disordered
 - b. Economically backward
 - c. Socially disadvantages
 - d. None of the above
5. Braille method and tape – recording can be uses as educational provision for CO3 K1
 - a. Visually impaired students
 - b. Orthopedic impaired students
 - c. Hearing impaired students
 - d. Physically handicapped students
6. For coma (,) the braille dot is used CO3 K1
 - a. Dot 2
 - b. Dot 6

Part – B

3 x 6 = 18

Answer ALL questions

Answer should not exceed 400 words or two pages

7. a. List the braille soft wares available for children with visual impairment. CO1 K5
(or)
7. b. Convert into Nemeth code CO1 K5
(1) 22+66 (2) 70-37 (3) 45X5 (4) 7/2 (5) 45-5
8. a. Enumerate the importance of braille for children with visual impairment. CO2 K3
(or)
8. b. Write any 10 words in Tamil and transcribe into braille. CO2 K4
9. a. Covert into braille form with contractions CO3 K5
(1)Out (2) with (3) loud (4) Stand (5) of
(or)
9. b. Write a note on braille embossers. CO3 K2

Part – C

3 x 12 = 36

Answer ALL questions

Answer should not exceed 800 words or four pages

10. a. Explain the evolutionary process of Braille. CO1 K5
(or)
10. b. Explain the braille treading and writing process. CO1 K4
11. a. Describe the different types of braille devices CO2 K3
(or)
11. b. Write English alphabets and covert the same into braille CO2 K4
12. a. What is Taylor frame? How will you set 1-10 and the mathematical symbols in Taylor frame with illustration? CO3 K4
(or)
12. b. State the advantages and disadvantages of Taylor frame. CO3 K3

Staff in charge : Dr.S.Revathi