



**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 - 2025
SEMESTER I**

Class: III.U.G

Major: Special Education and Mathematics

23BSEC16 & Assistive Technology for Persons with Disabilities

**Time: 2 Hrs.
Max. Marks: 60**

Course Outcomes:

- CO1: Explain the importance of Assistive Devices for Independent Living
CO2: Describe the use of Assistive Technology for educational purposes
CO3: Predict Assistive Technology for rehabilitational purposes
CO4: Figure out the Assistive Technology for communication
CO5: Integrate Assistive Technology in UDL

PART – A

6 x 1 = 6

Answer All questions

Choose the correct answer

1. OCR software is used for CO1 K3
 - a. Magnifying text on a screen
 - b. Providing tactile feedback for reading
 - c. Converting Printed or handwritten text into digital text
 - d. Navigating the internet using voice commands

2. The assistive technology used for reading text aloud to the visually impaired is CO1 K3
 - a. Braille Displays
 - b. Screen Magnification software
 - c. Screen Readers
 - d. Speech Recognition software

3. The primary purpose of a hearing loop system is CO2K4
 - a. Amplifying background noise
 - b. Providing Sign language interpretation
 - c. Transmitting sound directly to hearing aids
 - d. Converting spoken language into text

4. The benefits of speech recognition software is CO2K2
 - a. It provides step-by-step instructions for tasks
 - b. It converts spoken words into written text
 - c. It offers virtual tutoring in various subjects
 - d. It simplifies complex reading materials

5. The assistive tool which helps persons with writing difficulties is CO3K2
 - a. Screen Readers
 - b. Speech Recognition Software
 - c. Word Prediction Software
 - d. Graphic Organizers

6. The main function of FM systems for the hearing impaired is CO3 K2
 - a. Filtering background noise
 - b. Transmitting radio signals
 - c. Amplifying low- frequency sounds
 - d. Enhancing lip reading abilities

PART – B

3 x 6 = 18

Answer ALL questions

Answer should not exceed 400 words or two pages

7. a. Explain the concept of Assistive Technology CO1 K3
(or)
7. b. Discuss the significance and impact of Assistive Technology CO1 K4
8. a. Elaborate on Cochlear Implants. CO2 K3
(or)
8. b. Detail the concept of Computer-Assisted Note Taking. CO2 K4
9. a. Explore assistive technology for assessing specific learning disabilities CO3 K2
(or)
9. b. Discuss assistive technology's role in aiding specific learning disabilities CO3 K4

PART – C

3 x 12 = 36

Answer ALL questions

Answer should not exceed 800 words or four pages

10. a. Summarize on assistive technology for communication among the visually impaired CO1 K4
(or)
10. b. Describe mobility-focused assistive technology for the visually impaired. CO1 K2
11. a. Highlight the significance of assistive devices in assessing and identifying individuals with hearing loss. CO2 K3
(or)
11. b. Explore on assistive technology for education in hearing-impaired students. CO2 K5
12. a. Discuss reading and writing assistive technology for those with learning disabilities CO3 K2
(or)
12. b. Examine assistive tech for language and math in learning disabilities CO3 K2