



Chamballa

**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 - March 2025
SEMESTER IV**

Class :II Year Special Education(VI)

Time: 2 Hrs.
Max. Marks: 60

23BDSSV4 /17BDSSV4 Technology and Education of Children with Visual Impairment

Course Outcomes:

- CO1: relate ICT to the education of children with visual impairment
CO2: Adapt technology for the visually impaired
CO3: Be familiar with print access technologies for the visually impaired
CO4: Apply appropriate technologies for teaching various school subjects to the low vision children
CO5: Apply computer aided teaching learning for the children with visual impairment.

PART - A

6 x 1 = 6

**Answer All questions
Choose the correct answer**

1. Tabulate the difference between Educational Technology and Technology in Education CO 1 K1
 - a. Slow learner
 - b. Visual impaired learner
 - c. Hearing impaired learner
 - d. Mentally retarded learner
2. Assertion: Pictures and audio- visuals gives us more understanding than teaching and writing on the black board. CO 1 K1

Reason: The device which helps in explaining the concepts easily through picture is known as visual communication device.

 - a. Both assertion and reason are true, and the reason is the correct explanation of assertion.
 - b. Both assertion and reason are true, but reason is not the correct explanation of assertion
 - c. Assertion is true but reason is false.
 - d. Assertion is false but reason is true.
3. _____ type of curriculum emphasizes learning through touch and tactile materials for visually impaired students. CO2 K1
 - a. Auditory curriculum
 - b. Kinesthetic curriculum
 - c. Tactile curriculum
 - d. More than one of the above
4. What behavior of a child will indicate to a teacher that the child has visual impairment? CO2 K1
 - a. Choosing to read the blackboard from far away
 - b. Reading physical maps with minute details
 - c. Completing worksheets with fine print quickly
 - d. Struggling to read and squinting eyes while do so.
5. Students with visual impairment will be able to learn and communicate effectively if they are provided with: CO3 K1
 - (i) Sign language training
 - (ii) Braille language training
 - (iii) Text to speech converting software
 - (iv) Tactile printed material
 - a. (i) only
 - b. (ii) and (iv) only
 - c. (i) and (iv) only
 - d. (ii),(iii) and (iv) only

6. Visual arts is about communicating _____ CO3 K1
- I. Thoughts
 - II. Concept
 - III. Emotion
- a. I and II
 - b. Only III
 - c. I,II and III
 - d. II and III

PART – B

3 x 6 = 18

Answer ALL questions

Answer should not exceed 400 words or two pages

7. a. Tabulate the difference between Educational Technology and Technology in Education CO1 K4
- (or)
7. b. Describe the nature of Educational Technology. CO1 K3
8. a. Define Assistive Technology with reference to The International Organization for Standardization (ISO). CO2 K5
- (or)
8. b. Explain what are all the barriers faced by the visually challenged while procuring assistive devices. CO2 K6
9. a. List the new innovations for visually impaired and explain its function and uses. CO3 K4
- (or)
9. b. Write a note on Universal Design. CO3 K5

PART – C

3 x 12 = 36

Answer ALL questions

Answer should not exceed 800 words or four pages

10. a. What is the significance of ICT for teaching learning of visually impaired students? CO1 K4
- (or)
10. b. List the characteristics of Educational Technology. CO1 K4
11. a. Categorize the products available for differently abled both hardware's and soft ware's. CO2 K5
- (or)
11. b. Elaborate the 5A&Q principles for guiding the provision of assistive devices to the visually challenged. CO2 K4
12. a. Explain the principles involved in Universal Design. CO3 K3
- (or)
12. b. Describe the importance of online library and books share for visually impaired. CO3 K5

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