

**Avinashilingam Institute For Home Science And Higher Education For Women**

**Coimbatore – 641 043.**

**Continuous Internal Assessment Test I - February 2020**

**SEMESTER IV**

Class : II B.Ed

Time: 2 Hrs.

Major: Special Education

Max. Marks: 60

**18BDSSV4-Specialization: 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**

**Choose the correct answer**

**5 x 1 = 5**

1. Braille note taker has  
a. Eight key braille input system  
b. It has only large print  
c. Six key braille input system  
d. Four key braille input system  
CO 1 K1
2. Expand ISO  
a. International Organization for Standardization  
b. Intra national Organization for Standardization  
c. International Organization for States  
d. International Organization on Standardization  
CO1 K2
3. The architect of Universal Design was  
a. Louis Braille  
b. William  
c. Ron Mace  
d. Bob Jackle  
CO2 K2
4. Win Braille is a  
a. Software  
b. Hardware  
c. Software cum hardware  
d. Malware  
CO3 K3
5. UNCRPD implemented in the year  
a. August 2009  
b. August 2012  
c. August 2010  
d. August 2016  
CO3 K1

**PART – B**

**Answer the following in one or two sentences**

**5 x 2 = 10**

6. Define Educational Technology. CO1 K1
7. Classify Educational Technology. CO1 K1
8. Define Assistive Technology. CO2 K2
9. Define 5A&Q. CO2 K3
10. List any four assistive technologies for writing. CO3 K3

**PART – C**

**Answer the following**

**3 x 5 = 15**

**Answer should not exceed 200 words or one page**

11. a. Differentiate between Technology Education and Educational Technology  
(or)  
11. b. Tabulate the different types of assistive technology available for children with disabilities. CO1 K4
12. a. Explain in detail about the principles of Universal Design  
(or)  
12. b. What do you mean by Screen Access Software? CO2 K3
13. a. Write a short note on Braille Embosser.  
(or)  
13. b. List the software available for children with visual impairment. CO3 K2

**PART – D**

**Answer the following**

**2 x 15 = 30**

**Answer should not exceed 1200 words or six pages**

14. a. Write the main objectives of learning about the Technology and its outcome. CO1 K3
- (or)
14. b. Explain what are all the barriers faced by the disabled people for procuring assistive devices. CO1 K3
15. a. Explain the various principles considered while selecting assistive devices for children with disabled. CO2 K3
- (or)
15. b. Share your knowledge about Book Share. CO3 K4

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