



**Avinashilingam Institute for Home Science and Higher Education for Women**

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

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

Coimbatore - 641 043, Tamil Nadu, India

**B. Ed. Special Education (VI/Hi) Degree Examination – June 2021  
IV Semester**

**Class: II B.Ed. Special Education (HI)**

**Time : 3 Hours**

**Max. Marks : 100**

**18BDSSH4 Specialization: Technology and Education of Children with Hearing Impairment**

**Part A**

**10 x 1 = 10**

**Choose the Correct Answer**

1. The technical term used to denote the earphone of a hearing aid is  
a. Receiver      b. Speaker      c. Transducer      d. Amplifier
2. The accessory of the hearing aid which helps to fit the receiver into the external auditory meatus is known as  
a. Ear phone      b. Ear mould      c. Ear tube      d. Ear coil
3. Which of the following is NOT a Common Supra segmental aspect of speech  
a. Stress      b. Tone      c. Duration      d. Accent
4. Which is NOT included as major module under VAGHMI Therapy Software  
a. Voice Therapy      b. Articulation Therapy  
c. Nasalance Therapy      d. Fluency Therapy
5. A System of Machine learning that uses a 3D camera to track the movement of a person's hands and body as they sign words is  
a. KinTrans      b. SignAll      c. Robotka      d. Power Glove
6. A Common type of AAC used by Children with Speech and language impairments is  
a. Charts      b. Communication Boards      c. Tablets      d. Key boards
7. Text to speech software that can be controlled through a toolbar at the top of the computer screen is  
a. Natural Reader      b. Browse Aloud      c. Talk Button      d. Read Speaker
8. What is UDL  
a. Universal Draft of Learning      b. Universal Design of Learning  
c. Universal Document of Learning      d. Universal Depth of Learning
9. The ADIP Scheme came into effect from  
a. April 2005      b. April 2010      c. April 2015      d. April 2020
10. Educational kits for Hearing Impaired under ADIP Scheme includes  
a. Time Alarm      b. C D player      c. Alarming device      d. Speech Synthesizer

**Part B**                      5 x 6 = 30

**Answer ALL questions**

**Each answer should not exceed 400 words or two pages**

- 11.a. Differentiate the different types of Ear Moulds?  
(or)
- 11.b. Discuss the candidacy criteria for Cochlear Implant.
- 12.a. Explain few Computer based speech equipments for management of voice in children with hearing impairment.  
(or)
- 12.b. Write short notes on Tele Speech Therapy
- 13.a. List the application of Low cost technology in development of teaching learning material for the Hearing Impaired.  
(or)
- 13.b. Describe the application of Web based technology for training of ISL
- 14.a. Explain the advantages of ICT in the education of children with hearing impairment.  
(or)
- 14.b. Describe the Meaning & scope of UDL.
- 15.a. State the Eligibility criteria for availing funding under government schemes for procuring Aids and Appliances.  
(or)
- 15.b. Identify the Strategies required to locate and mobilise human resources for various services and referrals

**Part C**                      5 x 12 = 60

**Answer ALL questions**

**Each answer should not exceed 800 words or four pages**

- 16.a. Explain the different Types of Individual & Group Listening devices used by the Hearing Impaired  
(or)
- 16.b. Discuss the importance of various Classroom amplification devices in educational management of Children with Hearing Impairment.
- 17.a. Design the Basic infrastructure required for using computer based speech training aids/ equipments  
(or)
- 17.b. Formulate the Use of computer based speech equipment for management of supra-segmental features of speech in children with hearing impairment.
- 18.a. Compile the different educational and language apps for the hearing impaired.  
(or)
- 18.b. Report the advantages of various Augmentative and Alternative Communication methods used by children hearing impairment.
- 19.a. Outline the role of Technology and its impact on education in teaching & learning for the hearing impaired.  
(or)
- 19.b. Evaluate the impact of Technology and Computer assisted learning in facilitating learning among the hearing impaired.
- 20.a. Determine the Challenges encountered with cost involved in maintenance of devices after availing funding and ways to overcome them.  
(or)
- 20.b. List ANY 5 Government or Non-government funding agencies for aids & appliances.

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