



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 (HI/VI) Degree Examination – July 2020
IV Semester

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

Time : 2 Hours
Max. Marks : 50

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

Course Outcomes:

- CO1 : To familiar with the listening devices and classroom acoustics for effective teaching and learning
CO2 : Apply technology for speech management of the hearing impaired
CO3 : Facilitate language and communication among the hearing impaired using appropriate technology
CO4 : Be aware of the changing trends in the field of teaching learning and evaluation of the hearing impaired through technology
CO5 : Mobilize resource technology to install and use technology in teaching / learning for the hearing impaired

Part A **10 x 1 = 10**
Choose the Correct Answer

1. This conducts the amplified sound from the hearing aid receiver into the ear canal. CO1 K1
a. Cord b. Ear mould
c. Vent d. Amplifier
2. This implant bypasses most of the peripheral auditory system which received sound and converts that sound into movements of hair cells. CO1 K2
a. Mastoid b. Middle ear
c. Cochlear d. Brainstem
3. Which one of the following provides diagnosis, evaluation, and guidance for speech and language? CO2 K4
a. Pitch master b. Real speech
c. Vaghmi d. S-indicator
4. DAF stands for CO2 K1
a. Delayed Auditory Feedback b. Delivery Auditory Feedback
c. Delayed Auditory Frequency d. Decibel Auditory Force
5. The ----- is conceived as a group of 32 DTH channels devoted to telecasting of high-quality educational programmes. CO3 K4
a. Gyan Darshan b. Swayam Prabha
c. Doordarshan d. Door Prabha
6. Speech generating devices are the example of ----- AAC. CO3 K2
a. Low tech b. Mid Tech
c. High Tech d. Light tech
7. Spillover effect can be seen in ----- system. CO4 K1
a. Hard wired b. FM
c. Loop induction d. Infrared
8. Which of the following is the Special Accredited Institution for education of the disadvantaged in India? CO4 K1
a. NIEPVD b. NIEPMD
c. NIEPID d. AYJNISHD

9. Which of the following agency provides financial assistance as loan for PwDs to purchase of assistive devices? C05 K5
- a. ALIMCO b. NHFDC
c. NIEPMD d. DDRO
10. The Early Intervention and School Readiness Scheme is C05 K1
- a. DISHA b. VIKAS
c. SAMBHAV d. ADIP

Part B

3X6=18

Answer any three of the following

Each answer should not exceed 400 words or two pages

11. State the importance and use of speech trainer. C01 K1
12. Explain the components of auditory brain stem implant. C01 K2
13. Describe Dr.Speech. C02 K2
14. Discuss Tele speech therapy. C02 K1
15. Compare sign to text and text to sign technology. C03 K4
16. Summarize the available language apps used in language for CwHI. C03 K5
17. Classify the listening devices for CwHI. C04 K4
18. Illustrate C-Print technology. C04 K3
19. Account the eligibility criteria for availing funding under government schemes. C05 K6
20. Appraise the challenges involved in the maintenance of assistive devices. C05 K5

Part C

2X11=22

Answer any two of the following

Each answer should not exceed 800 words or four pages

21. Classify and explain classroom amplification devices. C01 K2
22. Distinguish analog, programmable and digital hearing aid. C01 K4
23. Demonstrate the computer based speech equipment in the management of supra-segmental features of speech. C02 K3
24. Compose the basic infrastructure required for computer based speech training. C02 K6
25. How do you support Augmentative and Alternate communication to CwHI? C03 K5
26. Illustrate electronic and web-based technology for language and communication. C03 K4
27. Classify audio-visual technology in facilitating education to CwHI. C04 K4
28. Describe technology based educational services to CwHI. C04 K1
29. Summarize the procedure for availing funding from different agencies. C05 K5
30. Compare government and non-government agencies in the supply of aids and appliances. C05 K4
