

**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. Spl.Ed.

Time: 2 Hrs.

Major: Spl.Ed.(HI)

Max. Marks: 60

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

Course Outcomes:

- CO1: Be 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 with the help of appropriate technology
- CO4: Know the trends in the field of teaching learning and evaluation of the hearing impaired through technology
- CO5: Be a resource mobilize for technology for the hearing impaired

PART – A

5 x 1 = 5

Choose the correct answer

1. _____ stimulates the cochlea by transmitting the sound waves through the bones in our skull or bone conduction, thereby bypassing the outer and middle ear. CO1 K2
- a. Middle ear implant b. BAHA
- c. Cochlear implant d. Auditory Brainstem implant
2. The _____ earmoulds are designed to cover the concha's bowl's bottom partially. CO1 K1
- a. Full-shell b. Half-shell c. Skeleton d. Semi-skeleton
3. In Dr. Speech, by using _____ module, the children could be helped to develop smooth modulation of pitch contour. CO2 K2
- a. Loudness Skill Builder b. Pitch Skill Builder
- c. Voicing Skill Builder d. Voicing Onset Skill Builder
4. When a child speaks, the variation in pitch over the length of an utterance is measured to assess _____. CO2 K1
- a. rate b. accent c. emphasis d. intonation
5. _____ can be used to show instructional DVDs or to be able to watch important current events. CO3 K1
- a. Projectors b. Smart boards c. Television d. OHP

PART – B

5 x 2 = 10

Answer the following in one or two sentences

6. Draw the block diagram of a hearing aid. CO1 K3
7. Mention the purpose of venting in the earmoulds. CO1 K2
8. Write a short note on Acoustic Glottogram. CO2 K2
9. What is Tele Speech therapy? CO2 K1
10. Tabulate the types of low cost materials that can be used for successful teaching/learning. CO3 K1

PART – C

3 x 5 = 15

Answer ALL Questions

Answer should not exceed 200 words or one page

11. a. Explain the candidacy, components and functioning of Cochlear Implant. CO1 K2
- (or)
11. b. Compare between individual hearing aids and group hearing aids. CO1 K4
12. a. Write short notes on Speech Viewer. CO2 K2
- (or)
12. b. Using computer-based speech equipment, how will you manage the problems in the production of nasal sounds? CO2 K3

13. a. Tabulate a few language apps for children mentioning their focus, age group and description. CO3 K2
(or)
13. b. Discuss on web based technology for using and training of ISL. CO3 K2

PART – D

2 x 15 = 30

Answer All the questions

Answer should not exceed 700 words or four pages

14. a. Describe the different classroom amplification devices and their importance in educational management. CO1 K2
(or)
14. b. Explain the basic infrastructure required for using computer based speech training aids/equipments. CO1 K2
15. a. Using Vagmi therapy modules, how will you manage the speech of CWHI? CO2 K3
(or)
15. b. 'Effective teaching is necessary for the teachers to make subject exciting and like that whenever possible the students can relate to their real world.' – Analyze how this can be achieved using low cost technology. CO3 K4

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