



Mallikarjuna

## 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 - December 2021

#### I Semester

Class : I B.ED Sp.Edn ( VI & HI)

Time : 2 Hrs.  
Max. Marks : 60

#### 21BDSC02 Introduction to Sensory Disabilities

##### Course Outcomes:

- CO1: diagnose the sensory impairments and its impact on development of the children  
CO2: exhibit competency in the intervention strategies to meet the individual needs.  
CO3: carry out functional assessment for VI/HI and foster the effective use of residual vision/hearing  
CO4: foster communication skills using necessary gadgets and train VI/HI/Deafblind children on mobility skills  
CO5: work upon functional academic skills of the sensory impaired

##### Part – A

6 x 1 = 6

##### Answer ALL Questions

- Environmental accommodations for students with sensory needs may include: CO1 K1
  - Seating placement of the student
  - Modifications to the classroom
  - Accommodations and modifications for instruction and instructional materials
  - all of the above
- The Malleus is the shape of CO1 K1
  - Hammer
  - Anvil
  - stirrup
  - spring
- Why is age of onset and important consideration in selecting assistive technology for students with sensory impairments? CO2 K1
  - Students who adventitiously learn differently than students who have congenital deafness
  - Age of onset effects the procurement of the AT device
  - Age of onset effects the training methods used
  - All of the above
- Damage to which structure results in auditory processing disorders? CO2 K1
  - Outer ear
  - Inner ear
  - Auditory nerve
  - auditory processing centers of the brain
- What is the difference between deaf and hard of hearing students? CO3 K1
  - Deaf students can understand speech with or without amplification, whereas hard of hearing students cannot
  - Deaf students cannot understand speech with or without amplification whereas hard of hearing students can
  - Deaf students develop deafness before language develops, whereas heart of hearings students develop deafness after language develops
  - There is no difference between deaf and hard of hearing
- A student who is functionally blind may: CO3 K1
  - Use his vision as a primary means of learning but supplement this learning with input from the other senses
  - Not qualify for special education based on his visual impairments alone
  - Have very little vision and learn primarily through auditory and tactile senses
  - Have no relationship between his vision and his educational needs

**Part – B**  
**Answer ALL questions**  
**Answer should not exceed 400 words or two pages**

**3 x 6 = 18**

- |       |  |     |    |
|-------|--|-----|----|
| 7. a. | Tabulate the classification of hearing loss with reference to WHO.                                   | CO1 | K3 |
|       | (or)   |     |    |
| 7. b. | Tabulate the classification of vision loss with reference to WHO.                                    | CO1 | K3 |
| 8. a. | Explain the different causes of hearing loss.  | CO2 | K4 |
|       | (or)   |     |    |
| 8. b. | Elucidate the four major ways of hearing loss and how it affects the children with hearing impaired. | CO2 | K4 |
| 9. a. | Define: a. visual impairment b. low vision   | CO3 | K2 |
|       | (or)   |     |    |
| 9. b. | Explain the importance of hearing.   | CO3 | K2 |

**Part – C**  
**Answer ALL questions**  
**Answer should not exceed 800 words or four pages**

**3 x 12 = 36**

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|--------|--|-----|----|
| 10. a. | Draw a structure of an ear and explain the process of hearing.             | CO1 | K4 |
|        | (or)   |     |    |
| 10. b. | Draw a structure of an eye and explain the process of seeing.              | CO1 | K4 |
| 11. a. | Explain the different types of hearing loss.                               | CO2 | K4 |
|        | (or)   |     |    |
| 11. b. | Draw and explain the different types of refractive errors.                 | CO2 | K6 |
| 12. a. | What is Hearing Aids. Explain recent developments in hearing aids.         | CO3 | K4 |
|        | (or)   |     |    |
| 12. b. | Explain the prevalence of visual impairment with reference to Census 2011. | CO3 | K5 |

Staff in-charge : Dr.S.Revathi