



## 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 (now MoE)

Re-accredited with 'A++' Grade by NAAC. CGPA 3.65/4, Category I by UGC

Coimbatore - 641 043, Tamil Nadu, India

### Bachelor's Degree Arrear Examination – May 2025 III Semester

Batch : 2023

Major : Audiology and Speech Language Pathology

Time: 3 Hours

Max. Marks: 100

#### 22BASC15 Speech Sound Disorders

##### Course Outcomes:

- 1: Acquire knowledge about the phonological theories and speech sound development
- 2: Obtain knowledge about the classification of speech sound disorder, and the factors affecting it
- 3: Administrate the assessment procedures for the speech sound disorders and the factors affecting it
- 4: Execute the therapy plans for articulation and phonology, and basic considerations in therapy
- 5: Gain knowledge about the therapeutic techniques for the articulation and phonology and the role of family members in the intervention procedures

#### Part A

10 x 1= 10

#### Choose the Correct Answer

1. The resonant frequencies of vocal tract which are important for distinguishing speech sounds are  
a. vowels  
b. formants  
c. spectrum  
d. none of the above  
CO1 K1
2. In the word *me*, the vowel /i/ tends to be nasalized because of a carryover velopharyngeal opening from the nasal consonant /m/. This is example of-----  
a. anticipatory co articulation  
b. retentive co articulation  
c. assimilation  
d. lip rounding  
CO1 K1
3. IPA is -----  
a. Indian Phonetic Alphabet  
b. International Phonetic Alphabet  
c. International Phonemic Alphabet  
d. None of the above  
CO2 K1
4. The neurological speech sound disorder in which the planning and programming of speech is affected is  
a. dysarthria  
b. apraxia  
c. aphasia  
d. misarticulation  
CO2 K1
5. Frequent episodes of ----- can cause speech sound disorder  
a. pulmonary infections  
b. missing teeth  
c. oral hyper sensitivity  
d. otitis media  
CO3 K1
6. Speech that is very difficult for listeners to understand is called as  
a. intelligible  
b. legible  
c. unintelligible  
d. misarticulated speech  
CO3 K1
7. Phonetic placement is ----- treatment approach  
a. motor based  
b. contextual  
c. phonological  
d. none of the above  
CO4 K1
8. The process of acquiring the capability for producing skilled action is called  
a. motor learning  
b. motor integration  
c. sensory learning  
d. sensory integration  
CO4 K1
9. The phonemic treatment approach used for articulation disorder is  
a. sensory motor approach  
b. paired stimuli approach  
c. cycles approach  
d. motor learning  
CO5 K1
10. Number of phases in Metaphone therapy  
a. 3  
b. 5  
c. 6  
d. 4  
CO5 K1

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

**5 x 6 = 30**

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|--|--------|
| 11.a. Define transcription of speech and transcription methods with examples.<br>(or)        | CO1 K2 |
| 11.b. Explain the factors influencing speech sound disorders.                                | CO2 K2 |
| 12.a. Discuss the phonological development in bi lingual children.<br>(or)                   | CO3 K2 |
| 12.b. Explain imitation, phonetic placement and successive approximation.                    | CO4 K2 |
| 13.a. Explain co articulation types and effects.<br>(or)                                     | CO2 K2 |
| 13.b. Discuss Oral Peripheral Mechanism Examination for children with articulation disorder. | CO3 K2 |
| 14.a. Explain core vocabulary approach.<br>(or)  | CO5 K2 |
| 14.b. Differentiate between articulation and phonological disorder.                          | CO3 K3 |
| 15.a. Discuss Minimal pair contrast therapy.<br>(or)   | CO5 K2 |
| 15.b. Explain the influence of language and dialectal variations in assessment.              | CO1 K2 |

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

**5 x 12 = 60**

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|---|--------|
| 16.a. Explain speech sound acquisition in detail.<br>(or)                                       | CO2 K2 |
| 16.b. Explain organically based speech sound disorders and disorders of unknown origin.         | CO1 K1 |
| 17.a. Explain speech intelligibility and factors affecting it in detail.<br>(or)                | CO3 K2 |
| 17.b. Discuss aims of assessment, screening and comprehensive assessment of SSD.                | CO2 K2 |
| 18.a. Explain in detail about phonological processes with examples.<br>(or)                     | CO3 K2 |
| 18.b. Explain phonological theories in detail.  | CO1 K1 |
| 19.a Explain traditional treatment approach for children with articulation disorders.<br>(or)   | CO4 K2 |
| 19.b. Explain the role of family in intervention for speech sound disorders.                    | CO5 K2 |
| 20.a Explain in detail about phonological awareness intervention in preschool children.<br>(or) | CO5 K2 |
| 20.b Discuss Motor based treatment approach.  | CO4 K2 |

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