

73951



MM-286

Sl. No.

Total No. of Pages : 2

V Semester B.A.SLP Examination, November/December - 2024

(Scheme : CBCS)

**SPEECH HEARING**

**Audiology Speech Language Pathology**

**Motor Speech Disorders in Children**

Time : 3 Hours

Max. Marks : 80

*Instruction : Answer all questions.*

- I. 1) a) Explain the importance of Cranial nerves involved in the control of speech. [12]  
b) Describe the anatomical and physiological aspects of thalamus. [8]

OR

- 2) a) Write a note on the areas of frontal, parital and subcortical structures that help in speech motor planning programming and execution. [12]  
b) Briefly describe the associated problems seen in children with cerebral Palsy. [8]

- II. 3) a) Describe any 3 primitive oral reflexes. [6]  
b) Explain the non-speech characteristics of the disorders of muscle tone in children with Cerebral Palsy. [7]  
c) Define Developmental Apraxia of Speech and write a note on its causes. [7]

OR

- 4) a) Describe the various types of nonverbal apraxia. [8]  
b) Write the speech characteristics of Children with Ataxia. [5]  
c) Compare and contrast the neuromuscular development between typical growing and children with Cerebral Palsy. [7]

*P.T.O.*

- III. 5) a) Differentiate the speech and nonspeech characteristics between children with apraxia and articulation disorder. [6]
- b) Explain the perceptual evaluation of speech in Developmental Apraxia of Speech. [7]
- c) Describe the standardized tests available in evaluating children with Developmental Apraxia of Speech. [7]

OR

- 6) a) Justify the need to assess the speech subsystems in Cerebral Palsy. [10]
- b) Briefly describe the subjective assessment tools available to assess feeding problem seen in Cerebral Palsy. [5]
- c) Compare and contrast the speech characteristics between children with Cerebral Palsy and DAS. [5]

- IV. 7) a) Briefly describe any 5 oro-motor exercises that facilitate the movements of lips and jaw. [8]
- b) Write a note on principle of motor learning on the speech rehabilitation of DAS. [6]
- c) Write a short note on Aided and Unaided AAC systems. [6]

OR

- 8) a) Describe the goals and activities that could be taken to enhance the respiratory and phonatory abilities in children with Spastic Cerebral Palsy. [10]
- b) Write a note on various symbol selection methods used in aided and unaided AAC. [4]
- c) Write a note on any two therapeutic approaches that rehabilitates speech in DAS. [6]



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V Semester B.A. SLP Speech & Hearing Examination,  
November/December - 2024  
(Scheme : CBCS)

**AUDIOLOGY SPEECH-LANGUAGE PATHOLOGY**

**Structure Anomalies and Speech Disorders**

Time : 3 Hours

Max. Marks : 80

Instruction : Answer all questions.

- I. 1. a) What are the speech and language characteristics of children with cleft lip and palate? [10]  
b) Explain the embryological development of palate with appropriate illustration. [10]

OR

2. a) Explain the causes of cleft lip and palate. [10]  
b) Describe any four syndromes associated to cleft lip and palate along with its characteristics. [10]

- II. 3. a) Critically evaluate subjective and objective measures of resonance. [15]  
b) Explain different types of velopharyngeal closure. [5]

OR

4. a) What is velopharyngeal dysfunction? Explain various causes of velopharyngeal dysfunction? [15]  
b) Explain the effects of velopharyngeal dysfunction on speech [5]
- III. 5. a) Write a perceptual assesment protocol for children with cleft lip and palate. [10]  
b) Explain the importance of early intervention for children with cleft lip and palate. [10]

P.T.O.

OR

6. a) What are the speech therapy methods to improve resonance and speech intelligibility in children with cleft lip and palate? [10]

b) Explain the prosthetic management options for children with cleft lip and palate. [10]

IV. 7. a) Critically evaluate various artificial larynx methods. [10]

b) What are the Characteristics of person with mandibulectomy and glossectomy? [10]

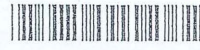
OR

8. a) Explain esophageal speech along with its candidacy and contraindications. [10]

b) What is Tracheo-Esophageal Puncture speech? What points will be counselld during pre and post-operative sessions? [10]



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V Semester III Year B.A.SLP. Examination, Nov./Dec. - 2024  
(Scheme : CBCS)

**AUDIOLOGY SPEECH LANGUAGE PATHOLOGY**  
**Amplification Devices**

Time : 3 Hours

Max. Marks : 80

Instruction : Answer all questions.

- I. 1) a) Discuss about the developments in technology in the digital era. [8]  
b) Describe the advantages of binaural hearing aid fitting in cases with bilateral hearing loss. [7]  
c) What are master hearing aids. [5]

OR

- 2) a) Discuss about the functioning of FM device and Induction loop system. [10]  
b) Explain about the basic components of hearing aids with its functions. [10]

II. 3) Discuss the following :

- a) TILL [5]  
b) BILL [5]  
c) PILL [5]  
d) Input compression [5]

OR

- 4) a) Discuss about the different digital noise reduction strategies available in hearing aids. [10]  
b) What are the different polar patterns used in <sup>directional</sup> directional microphone. [5]  
c) Discuss about the applications of artificial intelligence in hearing aids. [5]

P.T.O.

III. 5) Write brief notes on the following :

- a) Compression knee point and ratio [5]
- b) WDRC [5]
- c) Peak clipping [5]
- d) High level compression [5]

OR

6) Explain the candidacy and applications of the following.

- a) Extended low frequency amplification. [5]
- b) Frequency <sup>lowering</sup> lowery techniques. [5]
- c) Head ~~diffraction~~ <sup>diffraction</sup> effects and its implications in hearing aid fitting. [10]

- IV. 7) a) Discuss in detail about the instrumentation used in electro acoustic measurement with a block diagram. [8]
- b) What are the purpose of doing electro acoustic measurments [4]
- c) Discuss about the variables affecting electro acoustic measurments. [8]

OR

- 8) a) Describe the different environmental tests for hearing aids. [10]
- b) What are the different parameters analysed in electro acoustic measurement. [10]



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0006

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V Semester B.A. SLP Examination, Nov./Dec. - 2024

(Scheme : CBCS)

AUDIOLOGY SPEECH LANGUAGE PATHOLOGY

SPEECH AND HEARING

Pediatric Audiology

Time : 3 Hours

Max. Marks : 80

*Instruction : Answer all the questions.*

- I. 1. a) Using neat labelled diagrams, describe the development of middle ear and its relevance its interpreting the immittance results. [10]  
b) Describe the development of minimum response levels. [10]

OR

2. a) As an audiologist, why do you need to study about the development of auditory behaviour? [5]  
b) Describe the procedures used for studying auditory - discrimination in infants and neonates. [15]

- II. 3. a) Critically evaluate the statement HRR is more cost-effective than OAE for hearing screening. [8]  
b) Describe the evolution of HRR after 1990. [8]  
c) Write a brief note on BOA as a screening test of hearing. [4]

OR

4. a) If you were to choose any two tests for a school hearing screening, which ones they will be and why? [8]  
b) Briefly describe the salient features of the recommendations of JCIH-2019 compared to its predecessor. [8]  
c) Write a short note on accelerometer recording system. [4]

P.T.O.

- III. 5. a) Which among the conditioned audiometry techniques you would choose for a 18 months old child and why? [7]
- b) Enlist the modifications and care needed when using behavioural tests for hearing assessment in a known case of a child with Autism. [7]
- c) How is the estimation of SRT in children different from an adult?[6]

OR

6. a) How will you use behavioural methods to test VOR in 1-2 years old? [7]
- b) How is SIS in children different from an adult? [7]
- c) Write a short note on WIPI. [6]
- IV. 7. a) How will you modify the tests for central balance assessment while testing children? [10]
- b) Write a note on 'Wide band reflectance is a better test than immittance'. [5]
- c) Enlist the protocol for DPOAE in children. [5]

OR

8. a) What modifications are needed in objective tests for otolith and semi-circular canal function when evaluating children? [10]
- b) Write a short note on 'gaze test in children? [5]
- c) Describe the advantage of ASSR over ABR in paediatric hearing testing and rehabilitation. [5]





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V Semester B.A.SLP. Examination, November/December - 2024

(Scheme : CBCS)

**Audiology Speech Language Pathology**

**Sign Language**

**Speech & Hearing**

Time : 2 Hours

Max. Marks : 40

*Instructions :* Answer all the questions

- I. 1) Discuss in detail the myths of facts of related to Indian Sign language and Indian Sign systems. [10]

OR

- 2) Discuss in detail the deaf education in India [10]

- II. 3) What are the do's & don'ts for manual communication? [10]

OR

- 4) Guidelines provided family members and teacher for children with hearing loss. [10]

- III. 5) Discuss the characteristics of motherese [10]

OR

- 6) Write a note on methods of teaching ISL for different age groups [10]

*P.T.O.*

IV. 7) Discuss the following :

- a) ISLRTC [5]
- b) How are supra-segmentals & emotions communicated in manual communication? [5]

OR

8) Discuss the methods of teaching ISL during early childhood. [10]

