



# Sri Devaraj Urs Academy of Higher Education & Research

(A Deemed to be University)

Bachelor of Audiology & Speech-language Pathology

Third Year Semester-V January 2026 Examinations

Time: 2 hrs 30 mins

Max. Marks: 80

## Motor Speech Disorders in Children

QP. Code: S5490

*Your answers should be specific to questions asked.*

*Draw neat labelled diagrams wherever necessary*

### Long Essay

2 x 10 = 20 marks

1. Describe the different syndromes that also show cerebral palsy.
2. Describe the protocol for examination of the oral peripheral mechanism in children with cerebral palsy.

### Short Essays

6 x 5 = 30 marks

3. Justify the need for a multi professional team for management of children with cerebral palsy.
4. Define AAC. Discuss the different AAC aids that can be used in the management of children with cerebral palsy.
5. Describe the gestural cueing techniques used in management of childhood apraxia of speech.
6. Write a short note on :i) Adapted Cuing Technique ii) Melodic Intonation Therapy
7. Describe the anatomical structures and their functions involved in swallowing.
8. Explain the role of a speech-language pathologist in neonatal intensive care with reference to feeding and swallowing.

### Short Answers

10 x 3 = 30 marks

9. List the speech characteristics seen in children with hypertonic cerebral palsy.
10. Comment on the speech characteristics of childhood apraxia of speech.
11. List the test materials available for assessment of childhood apraxia of speech.
12. List the different reflexes that are evaluated in children with cerebral palsy.
13. Who are the team members involved in the rehabilitation of children with cerebral palsy?
14. Write all the available approaches for management of cerebral palsy
15. Write a note on cued speech.
16. Write a note on multiple phonemic approach
17. What is fluoroscopy? Write a short note on video fluoroscopy.
18. List the neurogenic causes of disorders of feeding in children.



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**Time: 2.30 Hours**

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**Structural Anomalies and Speech Disorders  
QP. Code: S5500**

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**Long Essay**

**2 x 10 = 20 marks**

1. Explain the basic methods of correction of speech sound disorders secondary to cleft lip and palate.
2. What are the different types of artificial larynx? How would you demonstrate the use of electro-larynx for speech production? Mention its advantages and disadvantages.

**Short Essays**

**6 x 5 = 30 marks**

3. Describe the physiology of velopharyngeal closure.
4. What is Elshahy's Modified Striped 'Y' classification? Mention its advantages and disadvantages
5. What are your different strategies to improve feeding in a child with cleft lip and palate?
6. What are the speech characteristics of individuals who have undergone glossectomy?
7. Briefly describe the roles of different team members involved in the management of a laryngectomee.
8. What are the factors affecting the acquisition of esophageal speech?

**Short Answers**

**10 x 3 = 30 marks**

9. Name any 3 syndromes which have a high incidence of cleft of lip and/or palate.
10. What feeding problems are seen in an infant with cleft of lip and alveolus?
11. What are the signs and symptoms of tumours in the tongue?
12. What are the swallowing characteristics of persons who have undergone partial glossectomy?
13. What are the post-operative speech outcomes after mandibulectomy?
14. Name the different types of glossectomies.
15. What are the complications of total laryngectomy?
16. How is near-total laryngectomy different from total laryngectomy?
17. What are the 3 modifications in the vertical partial laryngectomy?
18. What are the symptoms of laryngeal cancer?

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**Paediatric Audiology**

**QP. Code: S5510**

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*Draw neat labelled diagrams wherever necessary*

**Long Essay**

**2 x 10 = 20 marks**

1. Explain, in detail, any two semi-objective tests in hearing screening. Write the advantages and disadvantages of those tests.
2. Explain the principle, age criteria, room setup and procedure for conducting VRA. Mention the advantages and disadvantages of VRA.

**Short Essays**

**6 x 5 = 30 marks**

3. Discuss, in detail, the evidence that justifies pre-natal hearing.
4. How prevalent is functional hearing loss in school-going children? Suggest an ideal test battery for identification of the same in children.
5. Discuss the need for school screening. Also, suggest a protocol to carry out school screening.
6. Describe the salient features of the following speech recognition tests used with children:  
a) Early speech perception test, b) NU-CHIPS
7. Describe the clinical application of ASSR in paediatric population.
8. Describe the recording and interpretation of OAE in paediatric population.

**Short Answers**

**10 x 3 = 30 marks**

9. What are auditory milestones?
10. Describe infant speech perception.
11. What is neuroplasticity and what determines it?
12. What is associate learning?
13. Write a sentence each on any three congenital anomalies of the inner ear
14. List any 6 congenital causes of hearing loss in children
15. What is ANSD? Explain one feature of this.
16. Describe the reason for pseudohypacusis in children.
17. What factors affect recording of OAE in children.
18. What is ASSR? List any 2 uses of ASSR.





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## Educational Audiology

QP. Code: S5520

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*Draw neat labelled diagrams wherever necessary*

- I. Long essay** **2 x 10 = 20 marks**
1. Discuss any 3 the technologies used in signal to noise enhancement.
  2. What are the educational problems faced by individuals with hearing impairment in India? Elaborate your answer.
- II. Short essay** **6 x 5 = 30 marks**
3. Explain the acoustic barrier with respect to distance and signal to noise ratio.
  4. Explain Groth's method with appropriate examples.
  5. What factors would you consider while recommending medium of instruction for children with hearing impairment? Justify your answer.
  6. Write steps involved in Fitzgerald key technique.
  7. What are Contrived Systems? Elaborate.
  8. Write a short note on PWD Act.
- III. Short answer** **10 x 3 = 30 marks**
9. What is cued speech?
  10. Which are the different sign languages that you would recommend to the hearing impaired children, and why?
  11. Who is an educational audiologist? What do they do?
  12. What is Rochester Method? Why is it important?
  13. Write about "Conversation made easy."
  14. Define CASPER and where will you recommend this technique.
  15. Name any 3 Acts which advocate on rights for persons with disabilities. Write 1 importance of each act.
  16. List and add a note on any 3 points on which you will counsel the teachers on the importance of education of persons with hearing impairment.
  17. Mention the importance of educational laws and policies with respect to education for children with hearing impairment.
  18. Mention any 3 techniques for preparing lesson plans for home training.