



Sri Devaraj Urs Academy of Higher Education & Research
(A Deemed to be University)

Bachelor of Audiology & Speech-language Pathology
Third Year Semester-V February 2025 Examinations

Time: 2.30 Hours

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. Discuss disorders of movement in different types of cerebral palsy. What causes them and what are their characteristics?
2. Discuss any two tests used for assessment of apraxia of speech.

Short Essay

6 x 5 = 30 marks

3. Describe neuro developmental therapy for children with cerebral palsy.
4. Explain the application of non-speech oral-motor exercises for children with dysarthria.
5. Explain how linguistic approach is the right approach for management of childhood apraxia of speech.
6. Describe motor kinaesthetic speech training and sensory motor approaches.
7. Which are the different stages of swallowing? Write a note on each of these stages.
8. How do you assess feeding and swallowing in children? Justify your answer.

Short Answers

10 x 3 = 30 marks

9. List all the associated problems seen in persons with cerebral palsy.
10. Write a note on congenital progressive supranuclear palsy.
11. List all the instruments that can be used to assess speech subsystems. Write a sentence on the utility of each instrument.
12. How do you differentially diagnose dysarthria from verbal apraxia of speech?
13. Define AAC. List some low tech AAC devices that can be used in the management of children with cerebral palsy.
14. Who are the team members involved in the rehabilitation of children with cerebral palsy? Write a sentence each on the role of each of these members.
15. Give a brief description of sensory-motor approach.
16. What is speech facilitation approach? Give a brief note.
17. What are the causes of feeding problems and dysphagia in children?
18. Write a note on suckling and sucking bringing out the difference between them.



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Structural Anomalies and Speech Disorders

QP. Code: S5500

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Draw neat labelled diagrams wherever necessary

Long Essay

2 x 10 = 20 marks

1. Write a long essay on the speech prostheses and feeding prostheses for a child with cleft palate.
2. Describe the air intake procedure in esophageal speech. Discuss the advantages and disadvantages of esophageal speech.

Short Essays

6 x 5 = 30 marks

3. Describe, with suitable examples, the compensatory and obligatory errors observed in individuals with cleft lip and palate.
4. Write Kernahan's Classification of Cleft Lip and Palate with a neat diagram.
5. How would you counsel the parents of a 2-month-old child with unrepaired cleft lip and palate?
6. Discuss marginal and segmental mandibulectomy.
7. What factors will you consider while counselling individuals before they undergo laryngectomy?
8. What are the advantages and disadvantages of pneumatic and electronic types of artificial larynx?

Short Answers

10 x 3 = 30 marks

9. What psychological problems will a 15-year-old girl with unrepaired bilateral cleft lip experience?
10. What are the feeding problems seen in an infant with cleft of lip and alveolus?
11. What are the signs and symptoms of tumours in the tongue?
12. Briefly explain the anatomy of the mandible.
13. Discuss Type II Glossectomy.
14. What are glossectomy, hemiglossectomy, mandibulectomy and partial mandibulectomy?
15. Which are the 3 modifications seen in vertical partial laryngectomy?
16. What causes laryngeal cancer?
17. What are the different types of cordectomy?
18. What are the side effects of chemotherapy?



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Paediatric Audiology

QP. Code: S5510

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Long Essay

2 x 10 = 20 marks

1. Define CAPD. How common are CAPDs in school-going children? Comment on the influence of CAPD on a developing child.
2. Describe any speech identification test designed to be administered on young children with profound hearing loss. Mention at least five points that should be considered while constructing a speech identification test for the paediatric population.

Short Essay

6 x 5 = 30 marks

3. Define neuroplasticity. Why do you need to consider neuroplasticity in counselling the parents of children with hearing loss? Elaborate.
4. Justify the need for identifying mild hearing loss and sloping hearing loss in children.
5. Write a short note on history of hearing screening in the Indian context..
6. Describe the protocol for immittance evaluation in paediatric population. What is the importance of such an evaluation?
7. Describe the clinical applications of ALLR in paediatric population.
8. Discuss the clinical applications of OAE in paediatric population

Short Answers

10 x 3 = 30 marks

9. Describe cross-modal regeneration
10. What do you understand by 'auditory milestones'? Mention at least two auditory milestones.
11. What is prenatal hearing?
12. What is infant speech perception?
13. State three principles of early hearing detection and intervention programs.
14. Write a short note on ANSD.
15. Describe the procedure for using Crib-o-gram for hearing screening.
16. List the principles of early hearing detection and intervention
17. Enumerate the factors affecting recording ABR in paediatric population. Which is the most important affecting factor and why?
18. Mention the factors affecting recording of OAEs in paediatric testing.



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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. Write a note on unisensory and multi-sensory approach in the education of children with hearing impairment.
2. Discuss the different methods of teaching language for children with hearing impairment in India.

II. Short essay **6 x 5 = 30 marks**

3. Write a note on total communication.
4. What is Fitzgerald key? Describe it in 4 sentences.
5. What is the importance of counselling teachers on the education of children with hearing impairment? Elaborate your answer.
6. Write a note on the RTE Act.
7. What are reverberation and signal to noise ratio? Why are they relevant to children with hearing impairment?
8. Write on the factors influencing the outcome of education of children with hearing impairment.

III Short answer **10 x 3 = 30 marks**

9. Mention the importance of educational laws and policies with respect to education of children with hearing impairment.
10. Give a brief note on any 3 acts of India empowering persons with disabilities.
11. Explain the acoustic barrier with respect to distance.
12. Explain the importance of considering acoustics in setting up classrooms for children with hearing impairment.
13. What is a FM system? Is it relevant even now?
14. What are loop systems and why are they important?
15. What is residential school? Do you recommend the same for children with hearing impairment?
16. What is an integrated school? Contrast this with inclusive school.
17. Write the different levels of partial integration and their disadvantages.
18. Add a note on full segregation and its advantages.