



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A Deemed to be University)
Bachelor in Audiology & Speech-language Pathology
First Year Semester-I December 2025 Examination

Time: 2hrs 30 mins

Max. Marks: 80

Introduction to Speech-Language Pathology
Q P. Code: SA1010

Your answers should be specific to questions asked.
Draw neat labelled diagrams wherever necessary

- I. Long essay (Answer all the questions) 2x10=20 marks**
1. Explain the different voice therapy approaches
 2. Describe the assessment of language disorders in children
- II. Short essay (Answer all the questions) 6x5=30 marks**
3. Explain Lasswell model of speech communication.
 4. Explain Neurological bases of speech
 5. Describe the steps involved in speech and language therapy.
 6. Write the disadvantages of group therapy.
 7. List any five codes of conduct prescribed by ISHA with respect to patients.
 8. What are the barriers in EBP?
- III. Short answer (Answer all the questions) 10x3=30 marks**
9. Name 3 speech disorders.
 10. Define incidence and prevalence.
 11. What is critical age? Explain its importance.
 12. What are the factors that affect the speech and language development?
 13. Mention any 3 facilitative techniques of dysphagia therapy?
 14. Differentiate phonological disorder and articulation disorder.
 15. Name any 3 therapy techniques used for a person with Broca's aphasia.
 16. Write the importance of early identification of communication disorders.
 17. Explain the importance of documentation during patient care.
 18. Mention any 6 centres where an SLP can work.



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Introduction to Audiology

Q P. Code: SA1020

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

I. Long Essay

2 X 10 = 20 marks

1. Describe the ways of measuring minimum audible pressure and minimum audible field.
2. Discuss the different ways in which hearing loss can be classified.

II. Short Essays

6 X 5 = 30 marks

3. Discuss the historical development of field of audiology.
4. Describe the branches of audiology.
5. Describe the patient related factors affecting AC threshold estimation
6. Define an audiometer. Describe the components of an audiometer with a neat block diagram
7. Comment on the different types of stimuli that can be used in speech audiometry with their merits and demerits
8. What is PIPB function? Explain its role in differentiating between cochlear and retro cochlear pathology

III. Short Answers

10 X 3 = 30 marks

9. Mention the instruments used in the field of audiology.
10. What are six different types of jobs that audiologists can pursue.
11. Define intensity and frequency and mention its units.
12. Mention the reasons for missing 6dB.
13. List any three methods of recording case history.
14. Define stenger principle and lateralization. Name the tuning fork test which utilizes this principle.
15. Write the formula for calculating monaural and binaural percentage of hearing loss according
16. What is a bone vibrator? Mention the recommended head band tension and the surface area for a bone vibrator.
17. What is dynamic range in speech audiometry? Mention its clinical utility
18. What are the indications for carrying out BC speech audiometry.



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Time: 2hrs 30 min

Max. Marks: 80

Anatomy and Physiology of Speech and Swallowing

Q P. Code: SA1030

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

Long Essay

2 X 10 = 20 marks

1. Discuss the anatomy of the nasal cavity.
2. Discuss the coordination of respiratory, phonatory, and articulatory subsystems in speech.

Short Essays

6 X 5 = 30 marks

3. Describe the process of palatal fusion.
4. Describe the development of the face.
5. Explain oral preparatory stage of swallowing.
6. Describe the structures of oropharynx.
7. Explain the formation of bilateral cleft of lip and palate.
8. Describe the physiological problems seen in microglossia and macroglossia along with its clinical features.

Short Answers

10 X 3 = 30 marks

9. Describe smooth muscles and its functions.
10. Name the 3 germ layers.
11. Describe the anatomy of thyroid cartilage.
12. List any 3 intrinsic muscles of the tongue.
13. What is the role of resonating cavities in the speech production?
14. How are consonants generally classified?
15. Name the 3 circular muscles of pharynx.
16. Briefly describe the esopharyngeal stage of swallowing.
17. Name any 3 structural congenital vocal cord abnormalities.
18. Explain the clinical features of bilateral adductor vocal cord paralysis.



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Time: 2hrs 30 min

Max. Marks: 80

Anatomy and Physiology of Hearing

Q P. Code: SA1040

Your answers should be specific to questions asked.

Draw neat labelled diagrams wherever necessary

I. Long Essay 2x10=20 marks

1. Describe the structure of pinna with a neat diagram
2. Discuss the physiology of vestibular apparatus

II. Short Essay 6x5=30 marks

3. Describe the stages involved in the embryological development of the pinna and external auditory canal
4. Describe the key embryological stages that occur during the first eight weeks of development after fertilization.
5. Draw a neat labelled diagram of the right tympanic membrane
6. Discuss the factors contributing to the transformer action of the middle ear.
7. What is a central auditory pathway? Discuss the cochlear nucleus in detail.
8. Discuss the role of the auditory nerve in the mechanism of hearing.

III. Short Answer 10x3=30 marks

9. What are the non-auditory functions of the external auditory canal?
10. Mention any 3 congenital anomalies of middle ear
11. Explain the concept of the head shadow effect.
12. What structures form the bony labyrinth of the inner ear?
13. Enumerate the different stages of meiosis
14. What are the 3 divisions of the middle ear cavity?
15. Write the origin, insertion, and action of the tensor tympani muscle.
16. List the components of the central auditory pathway
17. What are the different mechanisms that explain hearing through bone conduction?
18. Where is the auditory cortex located? Mention the two important landmarks of the auditory cortex.